

Your application has been **Submitted** with following details

<b>Proposal No</b>	SIA/MH/MIS/42830/2018
<b>Compliance ID</b>	29703694
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/29703694/2023
<b>Reporting Year</b>	2023
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	06-12-2023
<b>IRO Name</b>	P Subramanyam
<b>IRO Email</b>	agmu102@ifs.nic.in
<b>State</b>	MAHARASHTRA
<b>IRO Office Address</b>	Budgam
<b>Note:-</b> SMS and E-Mail has been sent to P Subramanyam, MAHARASHTRA with Notification to Project Proponent.	

# K. Raheja Private Limited



K RAHEJA

Date: 3<sup>rd</sup> October 2023

To,  
The Chief Conservator of Forest,  
Ministry of Environment, Forests & Climate  
Regional Office (WCZ), Ground Floor, East Wing,  
New Secretariat Building, Civil Lines, Nagpur- 440001

**Sub:** Submission of Six-Monthly Environmental Clearance Compliance Status Report for the period of April 2023 – September 2023.

**Ref.:** Environmental Clearance Letter granted for a Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by MOEF vide Clearance Letter No.21-413/2006-IA.III Dated - 6<sup>th</sup> Feb 2007 & Amendment in Environmental Clearance by Environment Department, Government of Maharashtra vide clearance letter No. SEAC 2010/ CR.323/TC.2 Dated: 22<sup>nd</sup> July 2011 & Dated 11<sup>th</sup> June 2014 & No. SEAC-2016/C.R.424/TC-1 Dated 12<sup>th</sup> May, 2017 & Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated 3<sup>rd</sup> August 2019 & letter No. SIA/MH/MIS/42830/2018 dated 31<sup>st</sup> March 2020.

Dear Sir,

With reference to the above, we are submitting six monthly Environmental Clearance Compliance Status Report for the months April 2023 – September 2023, along with the relevant document needed for the submission as mentioned below:

- Data sheet
- Compliance Status report
- Post Monitoring Report (April 2023 – September 2023.)

Hope the above is in compliance with your requirement.

Thanking You,  
Yours faithfully,

For M/s. K Raheja Private Ltd.

N. R. Mehta

Nikhil Mehta  
Encl: a/a

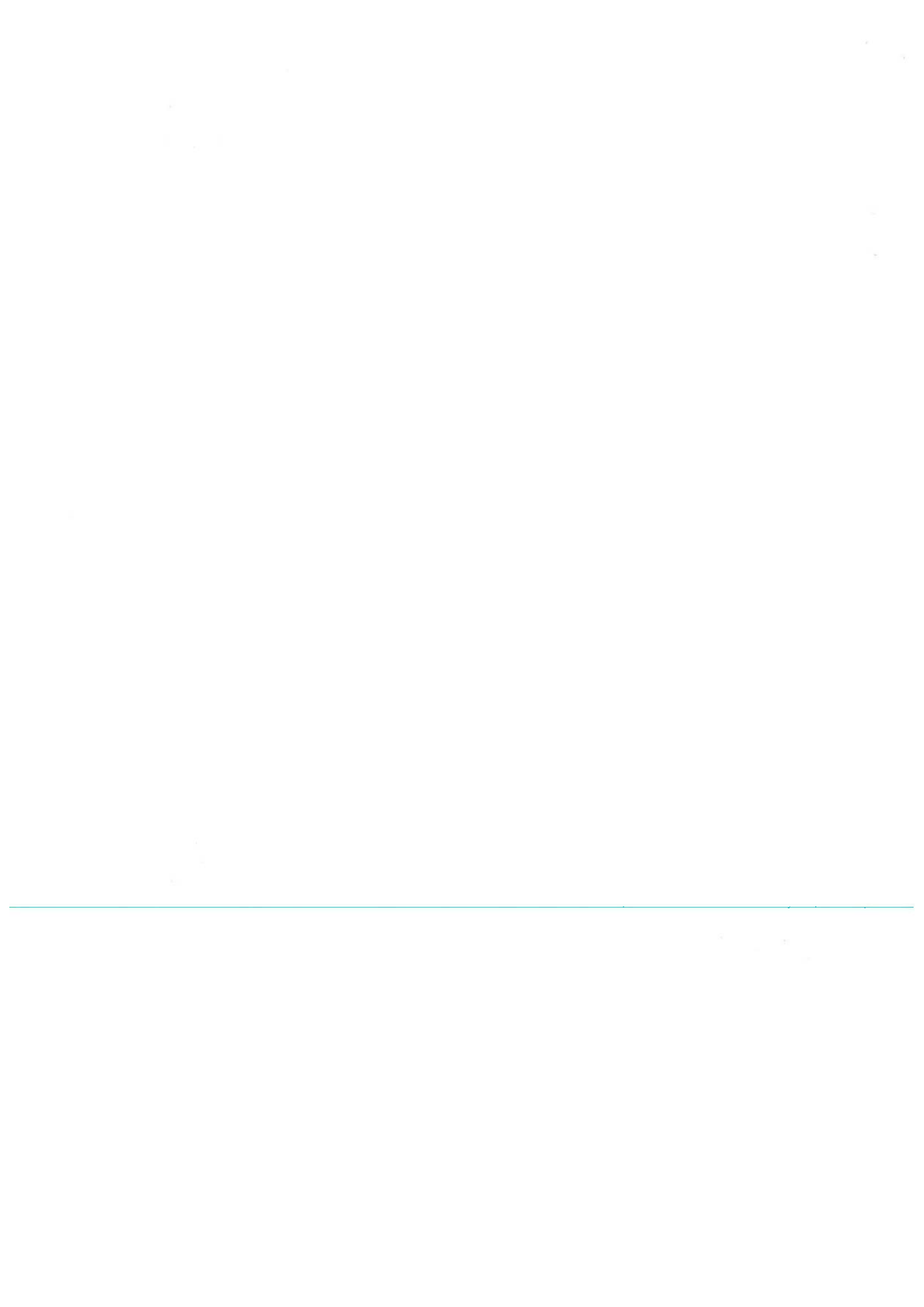
CC to:

- The Member Secretary, Maharashtra Pollution Control Board, 3rd Floor, Kalpataru Point, Sion, Mumbai- 400 022.
- Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara.

*(Handwritten Signature)*  
16/11/2023  
महाराष्ट्र प्रदूषण नियंत्रण मंडळ  
कल्पतारु पॉइंट, २ रा मजला, सायन सर्कल,  
सिनेलॅन्ट समोर, सायन (पूर्व),  
मुंबई - ४०० ०२२.  
फोन :- २४०९०४२९ / २४०२०९०९  
Website www.mpcb.gov.in

CIN : U45200MH1973PTC017018

Regd. Off. : Raheja Tower, Plot No.C-30, Block 'G', Next to Bank of Baroda, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051.  
Phone : +91-22-2656 4000 Website : www.krahejacorp.com



## **Varsha Kalange**

---

**From:** Varsha Kalange  
**Sent:** 10 November 2023 16:36  
**To:** eccompliance-mh@gov.in; ec-rdw.cpcb@gov.in  
**Subject:** EC Compliance for April 2023 – September 2023 Of [ M/s. K. Raheja Private Ltd. proposed Residential Building & Commercial Building with Multi Storied Public Parking Lot at Lower Parel, Worli, G/South Ward, Mumbai Maharashtra]  
**Attachments:** Six Monthly EC Compliance Report Apr 23-Sep 23.pdf

Respected Sir/Madam,

As per MoEF&CC notification vide No. SO 5845(E) Dated-26.11.2018 AND as informed by Central Pollution Control Board, Regional Directorate (West), Vadodara regarding digital transaction of EC Compliance report under Government of India initiatives for promoting e-office through digital transaction of activities, we are submitting herewith six-monthly EC compliance status report for period April 2023 – September 2023 of proposed Residential Building & Commercial Building with Multi Storied Public Parking Lot at C.S. Nos. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 And 249 A, 248 B of Worli Estate Scheme No. 52, G/South Ward, Mumbai, Maharashtra by M/s. K. Raheja Private Ltd. in pdf format with signed and stamped by authorized signatory of the project.

Documents enclosed herewith are as listed below:

1. Cover letter
2. Datasheet
3. EC compliance status report
4. List of annexures
5. Documents as per list of annexures

Hope above is to your satisfaction.

**Thanks & Regards,**  
**Varsha Yogesh Kalange**  
**M/s. Aditya Environmental Services Pvt. Ltd.**  
**107/110, Hiren Light Industrial Estate, Mogul Ln,**  
**Mahim, Mumbai- 400016.**  
**Tel No: 022 42127500 / 24456473**



The first part of the report deals with the general situation in the country. It is noted that the economy is still in a state of depression, and that the government has taken various measures to stimulate it. The report also discusses the social conditions, which are described as being generally poor, with a high level of unemployment and a large population living in poverty.

The second part of the report deals with the foreign relations of the country. It is noted that the country has maintained a policy of neutrality, and that it has not become involved in any of the major conflicts of the world. The report also discusses the country's relations with its neighbors, and its participation in international organizations.

The third part of the report deals with the internal affairs of the country. It is noted that the government has taken various measures to improve the administration, and that it has made progress in the field of education and health. The report also discusses the country's progress in the field of industry and agriculture.

The report concludes by stating that the country has made significant progress in the past few years, and that it is now in a position to begin to recover from the depression. It is noted that the government has taken various measures to improve the economy, and that it has made progress in the field of social and administrative reforms. The report also states that the country has maintained a policy of neutrality, and that it has not become involved in any of the major conflicts of the world.

The report is signed by the Director of the Bureau of Economic and Social Research, and is dated 1947.

## DATA SHEET

1.	Project type: River -Valley/ Mining/ Industry/ Thermal/ Nuclear/ other (specify)	:	Others - Construction project (Residential & Commercial Building with PPL)
2.	Name of the project	:	Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai.
3.	Clearance letter (s)/OM no. and date	:	<ul style="list-style-type: none"> <li>• EC Letter No. 21-413/2006-IA.III dated 6<sup>th</sup> February 2007</li> <li>• Amended letter SEAC 2010/CR.323/TC.2 dated 22<sup>nd</sup> July 2011</li> <li>• Amended letter SEAC 2010/CR.323/TC.2 dated 11<sup>th</sup> June 2014</li> <li>• Amendment letter SEAC-2016/CR424/TC-1 dated 12<sup>th</sup> May 2017</li> <li>• Expansion in Environmental Clearance vide letter SEIAA-EC-0000001926 dated 3<sup>rd</sup> August 2019</li> <li>• Expansion in Environmental Clearance vide letter SIA/MH/MIS/42830/2018 dated 31<sup>st</sup> March 2020.</li> </ul>
4.	Location		
	(a) District	:	Mumbai
	(b) State	:	Maharashtra
	(c) Latitude / Longitude	:	18°53'N 72°50'E
5.	(a) Address for correspondence		
	(b) Address of Executive Project Engineer/ Manager (with pin code / Fax)	:	Mr. Vaibhav Samarth Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (E), Mumbai- 400 051. Tel: 09167779454, Fax:022 26564560
6.	Salient Features		
	(a) Of the project	:	<p>Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building &amp; Residential Building</p> <p>Residential Tower: 2B+G+5 parking floors + stilt + 6 structural/service floors+ 3 fire check floors+ 49 habitable floors. the 5th parking floor above the public parking lot will be for residential parking</p> <p>PPL: 2B+G+4 parking floors Office building (wing A) -3B+ G + 8 (pt) office floors</p>

April 2023 - September 2023



		Residential Bldg (Wing B) - Stilt + 6 habitable floors
	(b) Of Environmental Management Plans	: 1) Implementation of Rainwater harvesting. 2) OWC is installed on site 3) Fly Ash is proposed to be used in the Ready-Mix Concrete. 4) Implementation of Sewage Treatment Plant. 5) Development of Recreational Ground.
7.	Break-up of the project area	Plot Area: 20117.24 m <sup>2</sup> FSI Area: 88,047.07 m <sup>2</sup> Non- FSI area: 1,28,863.13 m <sup>2</sup> Total BUA: 2,16,910.20 m <sup>2</sup>
	(a) Submergence area: forest & non forest.	: Nil
	(b) Others	: The entire project area is non-agricultural land.
8.	Breakup of the project affected population with enumeration of those losing houses /dwelling units only, agricultural land only, both dwelling units & agricultural land & landless labourers /artisan.	: Nil
	(a) SC, ST /Adivasis	: Nil.
	(b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	: Nil.
9.	Financial details	
	(a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	: Estimated Cost of Project- 2047.82 Cr
	(b) Allocation made for environmental management plans with item wise and year wise break-up.	: EMP Cost: Setting-up Cost-1282 Lakhs, Operational Cost- 138.90 Lakhs.
	(c) Benefit cost ratio/Internal rate of Return and the year of assessment	: Yet to finalize
	(d) Whether (c) include the cost of environmental management as shown in the above.	: Not applicable since (c ) is yet to finalize
	(e) Actual expenditure incurred on the project so far	: Rs. 841.15 Cr
	(f) Actual expenditure incurred on the environmental management plans so far	: Rs. 3.8 Cr
10.	Forest land requirement.	: The land is a non-forest land

April 2023 – September 2023



## DATASHEET

## PROPOSED RESIDENTIAL COMPLEX, LOWER PAREL, MUMBAI

	(a) The status of approval for diversion of forest land for non-forestry use	:	Not applicable.
	(b) The status of clearing felling	:	Not applicable.
	(c) The status of compensatory afforestation, if any	:	Not applicable.
	(d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	:	Not applicable.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Nil.
12.	Status of construction.	:	PPL-Handed over to BMC, (Deed of transfer dated 10.07.17) Residential Tower- Occupancy certificate up to 45 floor received. Terrace lvl RCC work completed. Office building (wing A): 10 <sup>th</sup> office floor slab Casting done.
	a) Date of commencement (Actual and / or planned)	:	Date of Commencement-02/03/2008
	b) Date of completion (Actual and/ or planned)	:	Planned Date of Completion -December 2023
13.	Reason for the delay if the project is yet to start.	:	Not applicable
14.	Dates of site visits		
	(a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	Nil
	(b) Date of site visit for this monitoring report	:	April 2023 - September 2023 (Environmental Monitoring report is enclosed.)
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits.	:	<ul style="list-style-type: none"> <li>• EC Letter No. 21-413/2006-IA.III dated 6<sup>th</sup> February 2007</li> <li>• Amended letter SEAC 2010/CR.323/TC.2 dated 22<sup>nd</sup> July 2011</li> <li>• Amended letter SEAC 2010/CR.323/TC.2 dated 11<sup>th</sup> June 2014</li> <li>• Amendment letter SEAC-2016/CR424/TC-1 dated 12<sup>th</sup> May 2017</li> <li>• Expansion in Environmental Clearance vide letter SEIAA-EC-0000001926 dated 3<sup>rd</sup> August 2019</li> <li>• Expansion in Environmental Clearance vide letter SIA/MH/MIS/42830/2018 dated 31<sup>st</sup> March 2020.</li> </ul>
	The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.		

April 2023 - September 2023



10/10

10/10



**COMPLIANCE REPORT**

<b>Ref</b>	1. EC Letter no. 21-413/2006-IA.III Dated - 6 <sup>th</sup> February 2007. <b>Annexure II (A)</b> . 2. Amendment in Environmental Clearance granted vide letter no. SEAC 2010/ CR.323/TC.2 Dated: 22 <sup>nd</sup> July 2011 <b>Annexure II (B)</b> . 3. Amendment in Environmental Clearance is granted vide letter dated: 11 <sup>th</sup> June 2014. <b>Annexure II (C)</b> . 4. Amendment in Environmental Clearance is granted vide letter SEAC-2016/C.R.424/TC-1 dated: 12 <sup>th</sup> May 2017. <b>Annexure II (D)</b> . 5. Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated: 3 <sup>rd</sup> August 2019. <b>Annexure II (E)</b> . 6. Expansion in Environmental Clearance is granted vide letter SIA/MH/MIS/42830/2018 dated 31 <sup>st</sup> March 2020. <b>Annexure II (F)</b> .
<b>To</b>	M/s. K Raheja Private Ltd.
<b>For</b>	Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai.
<b>Status</b>	PPL-Handed over to BMC, (Deed of transfer dated 10.07.17) Residential Tower- OC received till 45 <sup>th</sup> habitable floor, RCC work of terrace lvl completed. <ul style="list-style-type: none"> <li>• Copy of Occupation Certificate for part 2 development work of Residential building comprising of 4<sup>th</sup> and 5<sup>th</sup> (Below Tower Portion) parking floor + 23<sup>rd</sup> to 35<sup>th</sup> habitable floors + 1 service floor (Between 27<sup>th</sup> and 28<sup>th</sup> habitable floor) and 1 fire check floor (Between 25<sup>th</sup> and 26<sup>th</sup> habitable floor) and club house AND</li> <li>• Part Occupancy Certificate for Part 3 development work of Residential building comprising of 2<sup>nd</sup> parking floor + 5<sup>th</sup> parking floor (Beyond Tower Portion) + Stilt + 36<sup>th</sup> to 45<sup>th</sup> habitable floors + 1 service floor (Between 37<sup>th</sup> and 38<sup>th</sup> habitable floor) and 1 fire check floor (Between 42<sup>nd</sup> and 43<sup>rd</sup> habitable floor)</li> </ul> Copy of Occupation Certificate (Part) is enclosed as <b>Annexure III</b> . Office building (wing A): 10 <sup>th</sup> office floor slab Casting done.

**SPECIFIC CONDITION**

<b>Sr. No.</b>	<b>Conditions</b>	<b>Reply</b>
<b>I.</b>	<b>PP to upload the wind analysis report &amp; impact on RG.</b>	Complied.
<b>II.</b>	<b>PP to upload the copy of application regarding HRC NoC &amp; civil aviation NoC.</b>	HRC NOC & Civil Aviation NOC are received. Copy of the same is enclosed as <b>Annexure IV</b> & <b>Annexure V</b> respectively.
<b>III.</b>	<b>The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.</b>	The project under reference is 13.30 km away from the said sanctuary boundary. As per ESZ notification dated 14 <sup>th</sup> October'21, our project does not come under ESZ area of Flamingo Sanctuary.
<b>IV.</b>	<b>EC is subject to submission of HRC NOC.</b>	HRC NOC is received. Copy of the same is enclosed as <b>Annexure IV</b> .
<b>V.</b>	<b>PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.</b>	CER was earlier included as per MoEF & Circular Dated 01/05/2018. However, we have now been informed that the said 'MoEF &

April 2023 - September 2023





**COMPLIANCE REPORT**

		Circular Dated 01/05/2018' has been expressly superseded (i.e. replaced and rendered void) by OM No.F.No.22-65/2017/IA.III dt. 30/09/2020, and it is inter alia further mandated that the activity proposed by the Project Proponent of prescribed by EAC/SEAC (as the case may be), shall be part of the Environment Management Plan. As stated in the said OM dt. 30/09/20, this OM was issued pursuant to receipt of several representations regarding imposing a percentage of the project cost as CER, and the said OM was also challenged in the High Court. Consequently, CER as per the (superseded) MoEF & Circular Dated 01/05/2018 is not applicable or required to be proposed or undertaken.
VI.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Yes, we noted the condition & we will comply regularly with condition specified in Environmental Clearance No. 22-34/2018-IA.III dt.04.01.2019.
VII.	SEIAA decided to grant EC for FSI: 88,047.07m <sup>2</sup> , non-FSI: 1,28,863.13 m <sup>2</sup> and Total BUA: 2,16,910.20 m <sup>2</sup> (Plan Approval no-EEEB/1105/GS/A, Date-07.02.2020)	Yes, we have received the EC for FSI area: 88,047.07 m <sup>2</sup> , Non FSI area: 1,28,863.13 m <sup>2</sup> & Total BUA: 2,16,910.20 m <sup>2</sup> . We affirm that we development will be carried out within BUA granted by Authority & as per plan approval vide No. EEEB/1105/GS/A, Date-07.02.2020.
<b>GENERAL CONDITIONS</b>		
<b>Sr. No.</b>	<b>Conditions</b>	<b>Reply</b>
i.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	There is no generation of E-Waste till date on site. If any, will be disposed of through an authorized vendor. E-Waste Returns for the year 2022-2023 has been submitted. Copy of the same is enclosed as <b>Annexure VI</b> .
ii.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Yes, all the facilities will be in place prior to application for OC. Copy of Occupation Certificate (Part) is enclosed as <b>Annexure III</b> .
iii.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily imply that Forestry & Wildlife clearance	As the site is not within any radius as defined, hence NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife is not applicable for our project.

April 2023 - September 2023



**COMPLIANCE REPORT**

	granted to the project which will be considered separately on merit.	
iv.	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Yes, we will abide to all the conditions stipulated by SEAC & SEIAA.
v.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according to commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	<p>The height, construction built up area of project is accordance with the approved plan and as per DCR.</p> <p>The development is being carried out as per the local planning authority. The Approved Layout Plan is enclosed as <b>Annexure VII</b>.</p>
vi.	If applicable "Consent to Establish" shall be obtained from Maharashtra Pollution Control Board under Air & Water Act and a copy shall be submitted to the Environment department before start of any construction work at site.	<p>Consent to Establish &amp; Operate obtained vide letter No. -</p> <ol style="list-style-type: none"><li>1. Consent No. BO/RO (P&amp;P)/648 dated 28/09/2006. <b>Annexure VIII (A)</b>.</li><li>2. Consent No. BO/RO(HQ)/CO/CAC-323 dated 28/02/2012. <b>Annexure VIII (B)</b>.</li><li>3. BO/CAC-cell/CE (Reval)/CAC-1702000695 dated 14/02/2017. <b>Annexure VIII (C)</b>.</li><li>4. Consent to Establish for Expansion and amalgamation with existing consent to establish vide no. Format. 1.0/BO/CAC-cell/UAN No. 0000028220/CE(Exp) &amp; Amalgamation/CAC-1808000657 dated 16.08.2018. <b>Annexure VIII (D)</b>.</li><li>5. Consent to Establish for Expansion of Residential &amp; commercial Bldg with PPL vide no. Format. 1.0/CAC-cell/UAN No. 0000076911/CE 1912000103 dated 04.12.2019. <b>Annexure VIII (E)</b>.</li><li>6. 1<sup>st</sup> Consent to Operate (Part II) vide no. Format. 1.0/CAC-CELL/UAN No. 0000083236/CO-2007000074 dated 01.07.2020. <b>Annexure VIII (F)</b>.</li><li>7. Consent to Establish Expansion vide no. Format. 1.0/CAC-CELL/UAN No. 0000092970/CE - 2011000702 dated 11.11.2020. <b>Annexure VIII (G)</b>.</li><li>8. Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II) vide</li></ol>

April 2023 - September 2023





**COMPLIANCE REPORT**

		No. Format 1.0/CAC-CELL/UAN No.0000109931/CO-2111000812 dated. 22.11.2021. <b>Annexure VIII (H).</b> 9. We have applied for renewal of Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II). <b>Annexure VIII (I).</b>
vii.	All required sanitary & hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Adequate numbers of toilets for Labour, provision of potable water etc. to maintain sanitary and hygienic measures are taken. Photographs of facilities provided for labors are enclosed as <b>Annexure IX.</b>
viii.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater solid waste generated during the construction phase should be ensured.	Adequate drinking water facilities are provided for the workers at the site during the construction phase. Adequate numbers of toilets for Labour to maintain sanitary and hygienic measures are taken. Photographs of facilities provided for labours are enclosed as <b>Annexure IX.</b>
ix.	The solid waste generated should be properly collected and segregated. Dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Solid waste generated within site during construction phase will be properly collected and segregated. Bins have been provided to dispose of the municipal solid waste generated from labour camps. Please refer Annexure enclosed for Photographs of facilities provided for labours as <b>Annexure IX.</b>
x.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only approved site with the approval of competent authority.	The quantity of sub-stratum removed during excavation for building foundation is disposed to backfill as per approval received from MCGM & SWM. SWM NOC is enclosed as <b>Annexure X.</b> Proper debris management plan was in place during excavation.
xi.	Arrangement shall be made that wastewater and storm water do not get mixed.	The storm water collected through the storm water drains of adequate capacity will be discharged into the municipal storm line along the DP existing roads which is towards north. Separate drainage lines will be provided to prevent mixing of wastewater and storm water.

April 2023 - September 2023



**COMPLIANCE REPORT**

xii.	All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.	Since there was existing structure at site therefore there is no fertile topsoil generated from the project.
xiii.	Additional soil for leveling of the proposed site shall be generated within the sites (to the maximum extent possible) so that natural drainage system of the area is protected and improved.	Natural drainage pattern of site was maintained. Additional soil required to maintain site ground level was generated within site.
xiv.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the DFO/Agricultural Dept.	<ul style="list-style-type: none"><li>• The green area proposed is 4680.82 m<sup>2</sup>. Accordingly same will be provided as per the approved plan.</li><li>• A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex.</li><li>• Nos. of trees to be planted: 241 Nos.</li><li>• 26 Nos. of trees are planted at site.</li><li>• Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.</li><li>• Photographs of trees plantation is enclosed as <b>Annexure XI</b>.</li></ul>
xv.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Regular monitoring of soil is carried out at site. Please refer to the Post Monitoring Reports enclosed as <b>Annexure I</b> . There is no ground water source at site.
xvi.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourse and the dumpsites for such material must be secured so that they should not leach into the groundwater.	There is no generation of bituminous material at site till date and if generated will be disposed of as per MPCB norms.
xvii.	Any hazardous waste generated during construction phase should be dispose off as per applicable rules & norms with necessary approval of the Maharashtra Pollution Control Board.	No hazardous waste is generated at site till date and if generated will be disposed off as per MPCB norms. Hazardous Waste Returns for year 2022-2023 enclosed as <b>Annexure XII</b> .
xviii.	The diesel generator set to be used during construction phase should be low sulphur diesel type and should	Yes, DG Set will be used only as power back up & have provided with enclosure. The diesel generating set is of low Sulphur diesel type as

April 2023 - September 2023



**COMPLIANCE REPORT**

	conform to Environment (Protection) Rules prescribed for air and noise emission standards.	per environments (Protection) Rules prescribed for air and noise emission standards.
xix.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Day storage tank of 990 ltr is used to store diesel for operation of D.G sets.
xx.	Vehicles hired for bringing construction material to the site should be in good condition and should have pollution check certificate and should conform to applicable air and noise standards and should be operated only during non-peak hours.	The vehicles hired for bringing construction material at site are thoroughly checked with a valid PUC certificate.  PUC register maintained at site. Photographs of PUC register is enclosed as <b>Annexure XIII</b> .
xxi.	Ambient noise level should conform to residential standards both during day and night. Incremental pollution loads on the ambient air noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to confirm to the stipulated standards by CPCB/MPCB.	Quarterly Noise monitoring is done. Environmental monitoring report is enclosed <b>Annexure I</b> .
xxii.	Fly ash should be used as building material in the construction as per the provision of the Fly Ash Notification of September 1999 and amended as on 27 <sup>th</sup> August 2003. (The above condition is applicable only if the project site located within the 100 km of Thermal Power Stations).	Fly Ash is used in Ready-Mix Concrete for construction.  Fly ash used in RMC till date: 16,833 MT in RMC.
xxiii.	Ready mixed concrete must be used building construction.	Yes, ready mixed concrete is used in building construction. RMC is procured from RMC vendor.
xxiv.	Storm water control and its reuse as per CGWB and BIS standards for various applications.	SWD has been proposed as per SWD remarks granted by MCGM dtd 21.7.2012. 3 Nos. of Recharge pits will be provided.
xxv.	Water demand during construction should be reduced by use of pre-mixed concrete curing agents and other best practice referred.	The measures such as, use of ready-mix concrete, curing compound, admixture is being used to reduce water demand during construction phase.
xxvi.	The ground water level and its quality	There is no ground water source at the site.

April 2023 - September 2023



**COMPLIANCE REPORT**

	should be monitored regularly in consultation with Ground Water Authority.	Hence, monitoring ground water is not possible.
xxvii.	<b>The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.</b>	<p>Details of the STP are as under:</p> <p>The wastewater will be treated to tertiary level and after treatment reused for flushing of toilets and gardening. There will be no discharge of treated water and if any, shall conform to the norms and standards prescribed by Maharashtra State Pollution Control Board.</p> <p>STP of 10 KLD for PPL is installed in PPL &amp; is handed over to MCGM.</p> <p>STP of 160 CMD for Residential building is installed.</p> <p>Photograph of STP installed at site is enclosed as <b>Annexure XIV</b>.</p>
xxviii.	<b>Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.</b>	Not applicable as BMC water will be used during construction phase & operation Phase.
xxix.	<b>Separation of gray and black water should be done by use of dual plumbing line for separation of grey and black water.</b>	Separate pipelines will be provided for black water and grey water. For decentralize treatment of grey water grease traps are proposed at source.
xxx.	<b>Fixtures for showers, toilets, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.</b>	Yes, low flow rate fixtures and low flush W.C & urinals will be used during operation phase.
xxxi.	<b>Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.</b>	<p>We have used high performance glass with low E value and low SHGC coefficient in residential buildings.</p> <p>Energy efficient glass is proposed for office Bldg..</p>
xxxii.	<b>Roof should meet the prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.</b>	Proposed over deck roof insulation will meet ECBC requirement.

April 2023 - September 2023





## COMPLIANCE REPORT

xxxiii.	<p>Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be an integral part of the project design and should be in place before project commissioning. Use of solar panels may be done to the extent possible like installing solar streetlights, common solar water heaters systems. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.</p>	<ul style="list-style-type: none"><li>• Design with low lighting power density of 0.8 w/sft or less in common areas by using LEDs for general.</li><li>• Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5 using energy efficient 5 star rated equipment.'</li><li>• External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LEDs</li><li>• Energy efficient equipment.</li></ul>
xxxiv.	<p>Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under Environment (Protection) Act 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.</p>	<p>DG sets will be used as backup, care is taken that adequate acoustic will be provided to prevent noise and should conform to rules made under the Environment (Protection) Act 1986, prescribed for air and noise emission standards.</p> <p>Operation Phase:</p> <ul style="list-style-type: none"><li>• 2250 kVA X 1 Nos.</li><li>• 1250 kVA X 2 Nos.</li></ul> <p>DG of 500 KVA with acoustic enclosure provided in PPL.</p> <p>DG of 2250 KVA x 1 Nos. with acoustic enclosure provided for Residential buildings.</p> <p>Photograph of DG Set installed at site are enclosed as <b>Annexure XV</b>.</p>
xxxv.	<p>Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall restricted to permissible levels to comply with the prevalent regulations.</p>	<p>The noise level is maintained within prescribed standards and regular noise monitoring is carried out.</p> <p>Noise monitoring done quarterly. Monitoring reports are enclosed as <b>Annexure I</b>.</p>
xxxvi.	<p>Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized, and no public place should be utilized.</p>	<p>The site is accessible from 18.30 mt. wide Natvarya Baburao Pendarkar Marg on north side and 18.30 mt wide Sudam Kalu Ahire Marg on west side, both off Anne Besant Road. Parking is planned in such a way that there will not be any congestion issue. Parking will be fully internalized.</p>

April 2023 – September 2023



**COMPLIANCE REPORT**

		<p>Parking Details: -</p> <ul style="list-style-type: none"><li>• 2- Wheeler: Residential- 23 Nos. MPPL- 20 Nos.</li><li>• 4- Wheeler: Residential- 529 nos. Wing A &amp;B- 518 nos. MPPL- 803 Nos. (Including 9 Transport vehicles).</li></ul>
xxxvii.	<p><b>Opaque wall should meet prescriptive requirement as per Energy Conservative Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation to fulfill requirement.</b></p>	<p>The building will comply with the ECBC Code using the Whole Building Performance (WBP) Method.</p> <p>Energy modeling exercise is conducted to determine energy savings.</p>
xxxviii.	<p><b>The buildings should have adequate space between them to allow movement of fresh air and passage of natural light, air &amp; ventilation.</b></p>	<p>Noted, adequate space maintained between buildings.</p>
xxxix.	<p><b>Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.</b></p>	<p>Regular supervision of the above and other measures for monitoring is being ensured through company officials. Monitoring is carried out throughout construction phase to avoid disturbance to the surroundings.</p>
xl.	<p><b>Under provision of Environment (Protection) Act, 1986 legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.</b></p>	<p>Yes, environmental clearance has been obtained.</p>
xli.	<p><b>Six monthly monitoring reports should be submitted to the regional office MoEF, Nagpur with copy to this department and MPCB.</b></p>	<p>Yes, six monthly post monitoring reports are submitted to the regional office MoEF, Nagpur and MPCB, Sion regularly.</p>
xlii.	<p><b>Project proponent shall ensure completion of STP, MSW disposal facility, Greenbelt development prior to the occupation of the building. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in para. 2. prior certification from appropriate</b></p>	<p>Yes, all the facilities will be in place prior to occupation of the building.</p> <p>Photographs of green belt development is enclosed as <b>Annexure XI</b>.</p>

April 2023 - September 2023



**COMPLIANCE REPORT**

	<b>authority shall be obtained.</b>	
xliii.	<b>Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the gardening and no wet garbage will be disposed outside the premises. Local authority should ensure this.</b>	Yes, during the operation phase the wet garbage will be treated in Organic Waste Converter & the manure will be used for landscaping. Details & Photographs of OWC for Residential building is enclosed as <b>Annexure XVI.</b>
xliv.	<b>Local body should ensure that no occupation certification is issued prior to operation of STP/ MSW site etc. with due permission of MPCB.</b>	Occupation certificate will be obtained only after operation of STP/MSW facilities.
xlv.	<b>A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.</b>	Yes, complete set of documents is submitted to the Local authority and MPCB.
xlvi.	<b>In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.</b>	If any changes in the scope of project, we will apply for fresh appraisal.
xlvii.	<b>A separate environmental management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.</b>	Yes, a separate environmental management cell with qualified staff is in place.
xlviii.	<b>Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB &amp; this department.</b>	Environmental Management Plan is as given below: Setting-up Cost-1282 Lakhs, Operational Cost- 138.90 Lakhs.
xlix.	<b>The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of the clearance letter are available with Maharashtra Pollution Control Boar</b>	Yes, we had published advertisement in two local newspapers, copy of same is enclosed as <b>Annexure XVII.</b>

April 2023 - September 2023



**COMPLIANCE REPORT**

	and may also be seen at website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> .	
I.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Yes, we submit half yearly compliance reports regularly.
ii.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any from whom suggestions / representations if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Yes, said condition is complied. Environmental Clearance is also uploaded on company webpage, refer link: <a href="#">environmental-clearance.pdf (krahejacorphomes.com)</a>
iii.	The proponent shall upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal of CPCB & SPCB. The critical pollutant level namely SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicate for the project shall be monitored and displayed in the public domain.	Yes, said condition is noted and will be complied with.  Monitoring report along with EC compliance is uploaded on company webpage, refer link:  <a href="#">artesia-ec-compliance-oct-2023.pdf (krahejacorphomes.com)</a>
iii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	We are regularly submitting Six monthly compliance reports and monitoring data to the concerned authorities.  <a href="#">artesia-ec-compliance-oct-2023.pdf (krahejacorphomes.com)</a>
liv.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form -V as is mandated to be submitted by project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be	Yes, latest Environmental Statement submitted for year 2022 - 2023 is enclosed as Annexure - XVIII and the same is uploaded on company webpage, refer link- <a href="#">Environment Statement (krahejacorphomes.com)</a>

April 2023 - September 2023





**COMPLIANCE REPORT**

	<p>put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.</p>	
--	--	--

**April 2023 - September 2023**



**LIST OF ANNEXURES**

<b>Sr. No.</b>	<b>Annexure</b>	<b>Details</b>
1.	Annexure I	Post Monitoring Reports
2.	Annexure II	Environment Clearance Copies
3.	Annexure III	Occupation Certificate
4.	Annexure IV	High Rise NOC
5.	Annexure V	Civil Aviation NOC
6.	Annexure VI	E-Waste Return
7.	Annexure VII	Approved Layout Plan
8.	Annexure VIII	Consent Copies / Consent Application
9.	Annexure IX	Photographs of Labour Colony
10.	Annexure X	SWM NOC
11.	Annexure XI	Photographs of trees plantation
12.	Annexure XII	Hazardous Waste Returns
13.	Annexure XIII	PUC Register
14.	Annexure XIV	Photographs of STP
15.	Annexure XV	Photograph of DG Set
16.	Annexure XVI	Details & Photographs of OWC
17.	Annexure XVII	Advertisement copies
18.	Annexure XVIII	Environmental Statement

1917

Month	Day	Particulars	Debit	Credit	Balance
Jan	1	Balance forward			100.00
Jan	5	Wages	20.00		80.00
Jan	10	Materials	15.00		65.00
Jan	15	Repairs	10.00		55.00
Jan	20	Salaries	30.00		25.00
Jan	25	Interest	5.00		20.00
Jan	31	Balance			20.00
Feb	1	Balance forward			20.00
Feb	5	Wages	25.00		5.00
Feb	10	Materials	18.00		(13.00)
Feb	15	Repairs	12.00		(25.00)
Feb	20	Salaries	35.00		(60.00)
Feb	25	Interest	8.00		(68.00)
Feb	28	Balance			(68.00)
Mar	1	Balance forward			(68.00)
Mar	5	Wages	30.00		(98.00)
Mar	10	Materials	22.00		(120.00)
Mar	15	Repairs	15.00		(135.00)
Mar	20	Salaries	40.00		(175.00)
Mar	25	Interest	10.00		(185.00)
Mar	31	Balance			(185.00)




**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Test Report  
(Ambient Air)**

Ref. No.: AESPL/LAB/C/A-23/05/17

Issue Date: 12/05/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>				
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near HSBC Main Gate				
<b>Date of Sampling</b>	: 04/05/2023				
<b>Sampling Time</b>	: 09:20 to 17:20 hr.	<b>Duration</b>	: 08 Hr.		
<b>Sample Drawn By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division		
<b>Date of Sample Receipt</b>	: 06/05/2023	<b>Sample Identification</b>	: A-23/05/17		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.				
<b>Date of Sample Analysis</b>	: 06/05/2023 to 11/05/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:28-35°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tubes at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-12 & FDS-12				
<b>Calibration Status</b>	: Calibration on 30/05/2022 due on 29/05/2023				
<b>Project/ Job number</b>	: 4800153955 dtd 28 Mar 2022				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 30°C				
<b>Sr. No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Limits #</b>	<b>Unit</b>	<b>Method of Analysis</b>
1.	Sulphur dioxide as SO <sub>2</sub>	25.31	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	39.01	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	79.83	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	30.00	100 *	µg/m <sup>3</sup>	IS 5182 (Part 24) RA2022
5.	Carbon monoxide as CO	1.52	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. The results apply to the sample as received.
5. Decision Rule is applied.


**Anjan Pramanik  
(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/05/14

Issue Date: 13/05/2023

<b>Name of Customer &amp; Contact Details</b>		: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - deepaklaly@kraheja.com	
<b>Name of Site</b>		: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,	
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution	
<b>Description of sample</b>		: Stack Emission	
<b>Sample Identification number</b>		: ST- 23/05/14	
<b>Sample Quantity</b>		: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.	
<b>Date &amp; Time of sampling</b>		: 04/05/2023, 13:30-14:04 Hr.	
<b>Sampling Environmental Conditions</b>		: Temp.:34°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.	
<b>Transportation Condition</b>		: Bottles < 5°C	: Thimbles in plastic container
		: Bladders at ambient temp.	
<b>Sample Monitored &amp; Transported by</b>		: AESPL Consultancy Division	
<b>Date of sample receipt</b>		: 06/05/2023	
<b>Date of sample analysis</b>		: 06/05/2023 to 11/05/2023	
<b>Sampling Equipment Used</b>		: ST-I-04	
<b>Calibration status</b>		: 22/02/2023 to 22/02/2024	
<b>Project/ Job number</b>		: 4800153955 dtd 28 Mar 2022	
<b>Reference of sampling</b>		: AESPL/LAB/QR/7.3.3/R-02	
<b>Method of sampling &amp; preservation</b>		: AESPL/LAB/SOP/7.3.1/ST-01	
<b>Environmental Condition while Testing</b>		: Temperature: 29°C	
<b>A. General Information About Stack:</b>			
Stack Connected to		: DG-2250 KVA	
Emission due to		: Combustion of HSD	
Material of construction of stack		: MS	
Shape of stack		: Circular	
Whether stack is provided with permanent platform		: Yes	
<b>B. Physical Characteristics of Stack:</b>			
Height of stack from ground level (m)		: 22	
Height of sampling point from ground level (m)		: --	
Diameter of Stack at sampling point (m)		: 0.45	
Area of stack (m <sup>2</sup> )		: 0.16	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used		: Diesel	
Fuel consumption (liter/hr.)		: 440	
Details of pollution control devices attached with the stack:		: --	



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/05/14

Issue Date: 13/05/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Gas Temperature	117	--	°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	4.71	--	m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	1321	--	Nm <sup>3</sup> /hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	49.80	75*	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	30.66	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.24	--	Kg/day	IS-11255, (part-2) 2019

(\*) - (Emission Standards for Diesel Engines (Engine Rating more than 0.8 MW (800 KW) were notified by the Environment (Protection) Third Amendment Rules 2002, vide G.S.R. 489 (E), dated 9th July, 2002 at serial no. 96, under the Environment (Protection) Act, 1986.)

**Conformity Statement:** The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter is within the levels stipulated as per MPCB Consent.

#### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.

A E S



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024.

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/05/12

Issue Date: 09/05/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - deepaklaly@kraheja.com		
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: At Periphery Of Site		
<b>Date of Sampling</b>	: 04/05/2023	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 12.30 Hr. - 14.15Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 19.45 Hr.-20.50Hr.
<b>Monitored By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division
<b>Date of Data Receipt</b>	: 06/05/2023	<b>Sample Identification</b>	: N-23/05/12
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C to 34°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-10		
<b>Calibration Status</b>	: Calibrated on 02/01/2023; calibration due on 01/01/2024		
<b>Project/ Job Number</b>	: 4800153955 dtd 28 Mar 2022		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near Engineering Office P1 Level 1 <sup>st</sup> Floor (HSBC	57.9	49.8
2.	PPL Main Security Gate	61.2	52.4
3.	HSBC Plot	62.4	54.7
4.	P-5 Level Artesia	61.7	52.3
5.	Neelam Centre Corner-E (Back Side)-Artesia	64.9	59.7
6.	52-Chawl Corner-South East-(HSBC P 64)	62.5	56.4
7.	Ground Floor-North Side	61.7	53.2
8.	Near TV industrial (HSBC Plot)	64.9	55.9
9.	Labour Colony (HSBC Plot)	63.8	51.4
<b>Limit as per EP Act for Commercial area</b>		<b>65</b>	<b>60</b>

**Conformity Statement:** Noise Levels at all the locations are found to be below the stipulated limits.

**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

**Test Report  
(Noise)**

Ref. No.: AESPL/LAB/C/N-23/05/13

Issue Date: 10/05/2023.

<b>Name of Customer &amp; Contact Details</b>	K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>						
<b>Name of Site</b>	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,						
<b>Discipline &amp; Group</b>	Chemical: Atmospheric Pollution						
<b>Description of Sample</b>	DG Noise						
<b>Location Details</b>	DG 2250KVA						
<b>Date of Sampling</b>	04/05/2023	<b>Period of Sampling</b>		:		DG Spot	
<b>Start Time of Sampling</b>	11.55Hr	<b>End Time of Sampling</b>		:		12.15Hr	
<b>Monitored By</b>	AESPL	<b>Transported By</b>		:		AESPL	
<b>Date of Data Receipt</b>	06/05/2023	<b>Sample Identification</b>		:		N-23/05/13	
<b>Environmental Condition</b>	Climate: Clear			<b>Ambient Temp:</b> 35°C			
<b>Transportation Condition</b>	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
<b>Sampling Equipment</b>	Noise meter - Centre C-390 SL-I-10						
<b>Calibration Status</b>	Calibrated on 02/01/2023; calibration due on 01/01/2024						
<b>Project/ Job Number</b>	4800153955 dtd 28 Mar 2022						
<b>Reference of Sampling</b>	AESPL/LAB/QR/7.3.3/R-02						
<b>Method of Sampling</b>	IS 4758 RA:2017						
<b>Sr No.</b>	<b>Location</b>	<b>Sound Pressure Level dB(A)</b>					
		<b>Readings from 0.5 m away from DG</b>				<b>Avg.</b>	<b>Difference</b>
1.	<b>DG -2250KVA</b>	<b>East</b>	<b>West</b>	<b>South</b>	<b>North</b>	<b>Avg.</b>	<b>Difference</b>
	Door closed	73.9	72.5	74.5	73.7	73.7	25.4
	Door opened	99.9	98.6	98.1	99.5	99.0	

**Limits:**

- Insertion loss of 25dBA as per consent

**Conformity Statement:** The monitoring undertaken indicates that DG Noise Quality value for insertion loss is within consent limit.

**Note:**

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- DG set Sound Pressure Level measured at 0.5m from the enclosure.
- Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



**Anjan Pramanik.**  
(Authorized Signatory)

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Test Report  
(Water)**

Ref. No.: AESPL/LAB/C/W-23/05/18

Issue Date: 08/05/2023

<b>Name of Customer &amp; Contact Details</b>		: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>			
<b>Name of Site</b>		: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,			
<b>Nature of Sample</b>		: Drinking water	<b>Location of Sample</b>		: HSBC Plot labour colony
<b>Date of Sample Drawn</b>		: 04/05/2023	<b>Time of Sample Drawn</b>		: 12.50pm
<b>Sample Drawn By</b>		: AESPL Consultancy Division	<b>Transported By</b>		: AESPL Consultancy Division
<b>Date of Sample Receipt</b>		: 04/05/2023	<b>Sample Identification</b>		: W- 23/05/18
<b>Sample Quantity &amp; Container</b>		: F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>		: 04/05/2023 to 05/05/2023			
<b>Environmental Conditions at site</b>		: Water Temperature: 25°C, Air Temperature: 32°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>		: Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>		: 4800153955 dtd 28 Mar 2022			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>		: Ambient Temperature: 30.1°C and Humidity: 46%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.18	6.5 - 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	28	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron as Fe, mg/l	0.031	1.0 Max	No relaxation	IS-3025(P-11) RA2019
7.	Chloride as Cl <sup>-</sup> , mg/l	14	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2018

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)  
Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

## Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-23/05/10

Issue Date: 08/05/2023

Name of Customer & Contact Details	:	K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>		
Name of Site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,		
Nature of Sample	:	Drinking water	Location of Sample	: HSBC Plot labour colony
Date of Sample Drawn	:	04/05/2023	Time of Sample Drawn	: 12.50 pm
Sample Drawn By	:	AESPL Consultancy Division	Transported By	: AESPL Consultancy Division
Date of Sample Receipt	:	04/05/2023	Sample Identification	: Mw- 23/05/10
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	04/05/2023 to 05/05/2023		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	---		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 22.1°C and Humidity: 39%		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. The results apply to the sample as received

**Pranali N. Patil**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015 & ISO 45001:2018**

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024.

Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222 E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Soil)**

Ref. No.: AESPL/LAB/C/S-23/05/02

Issue Date: 11/05/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>		
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,		
<b>Nature of Sample</b>	: Soil	<b>Location of Sample</b>	: HSBC Plot
<b>Date of Sample Drawn</b>	: 04/05/2023	<b>Time of Sample Drawn</b>	: 11:00 am
<b>Sample Drawn By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division
<b>Date of Sample Receipt</b>	: 04/05/2023	<b>Sample Identification</b>	: S-23/05/02
<b>Sample Quantity &amp; Container</b>	: 1kg; PG bag & Aluminum container		
<b>Date of Sample Analysis</b>	: 04/05/2023 to 10/05/2023		
<b>Environmental Conditions at site</b>	: <b>Area:</b> Clean, <b>Colour:</b> Brown		
<b>Transportation Condition</b>	: Kept soil in polythene bag in a dry place		
<b>Project/ Job number</b>	: 4800153955 dtd 28 Mar 2022		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/S-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 30.8°C and Humidity: 61%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH@25°C	6.88	IS 2720 (part 26); RA2021
2.	Conductivity@25°C, µS/cm	420.5	IS-14767; RA 20216
3.	Water content, %	4.4	IS 2720 (part 2); RA2020
4.	Organic Carbon, %	0.32	IS 2720 (part 22); RA2020
5.	Available Nitrogen, %	0.0108	AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22
6.	Available Phosphorus, kg/hector	32	AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22
7.	Potassium as K, kg/hector	80	AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
8.	Available Sulphur, mg/kg	28	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
9.	Calcium as Ca, meq/l	28	AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22
10.	Magnesium as Mg, meq/l	12	AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22
11.	Sodium as Na, kg/hector	80	IS-19497; RA 2015
12.	Zinc as Zn, mg/kg	< 0.04	EPA Method 3050B.2:1996
13.	Nickel as Ni, mg/kg	< 0.04	EPA Method 3050B.2:1996
14.	Chromium as Cr, mg/kg	< 0.04	EPA Method 3050B.2:1996
15.	Iron as Fe, mg/kg	0.14	EPA Method 3050B.2:1996
16.	Texture, %		AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22
	Clay	78	
	Silt	10	
	Fine sand	12	

**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Sushma A. Gujar**  
(Authorized Signatory)

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/08/59

Issue Date: 24/08/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd. Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400081 Mr. Deepaklal Yadav, ☎ 920751304. ✉ deepaklaly@kraheja.com				
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near HSBC Main Gate				
<b>Date of Sampling</b>	: 16/08/2023				
<b>Sampling Time</b>	: 09:15 to 17:15 hr.	<b>Duration</b>	: 08 Hr.		
<b>Sample Drawn By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division		
<b>Date of Sample Receipt</b>	: 18/08/2023	<b>Sample Identification</b>	: A-23/08/59		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.				
<b>Date of Sample Analysis</b>	: 19/08/2023 to 23/08/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:28-35°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tubes at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-12 & FDS-12				
<b>Calibration Status</b>	: Calibration on 25/05/2023 due on 25/05/2024				
<b>Project/ Job number</b>	: 4800153955 dtd 28 Mar 2022				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C				
<b>Sr. No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Limits #</b>	<b>Unit</b>	<b>Method of Analysis</b>
1.	Sulphur dioxide as SO <sub>2</sub>	21.56	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	29.59	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	55.31	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	15.41	100 *	µg/m <sup>3</sup>	IS 5182 (Part 24) RA2022
5.	Carbon monoxide as CO	1.00	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values; [ \*\*\*] Annual monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. The results apply to the sample as received.
5. Decision Rule is applied.



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024.

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/08/58

Issue Date: 21/08/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - deepaklaly@kraheja.com		
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: At Periphery Of Site		
<b>Date of Sampling</b>	: 16/08/2023	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 11.10 Hr. - 11.55Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 19.25 Hr.-20.20Hr.
<b>Monitored By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division
<b>Date of Data Receipt</b>	: 18/08/2023	<b>Sample Identification</b>	: N-23/08/58
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C to 32°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-10		
<b>Calibration Status</b>	: Calibrated on 02/01/2023; calibration due on 01/01/2024		
<b>Project/ Job Number</b>	: 4800153955 dtd 28 Mar 2022		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near Engineering Office P1 Level 1 <sup>st</sup> Floor (HSBC	64.3	52.3
2.	PPL Main Security Gate	64.8	54.4
3.	HSBC Plot	63.2	52.6
4.	P-5 Level Artesia	63.7	53.7
5.	Neelam Centre Corner-E (Back Side)-Artesia	64.4	54.2
6.	52-Chawl Corner-South East-(HSBC P 64)	64.2	53.9
7.	Ground Floor-North Side	63.9	51.8
8.	Near TV industrial (HSBC Plot)	64.6	52.7
9.	Labour Colony (HSBC Plot)	62.7	51.3
<b>Limit as per EP Act for Commercial area</b>		<b>65</b>	<b>60</b>

**Conformity Statement:** Noise Levels at all the locations are found to be below the stipulated limits.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015 & ISO 45001:2018**Recognized by **MoEFCC** as "Environmental Laboratory" valid up to 24.04.2024**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-23/08/155**Issue Date:** 21/08/2023

<b>Name of Customer &amp; Contact Details</b>	: K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>				
<b>Name of Site</b>	: KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI,				
<b>Nature of Sample</b>	: Drinking water	<b>Location of Sample</b>	: HSBC Plot labour colony		
<b>Date of Sample Drawn</b>	: 16/08/2023	<b>Time of Sample Drawn</b>	: 11.00 am		
<b>Sample Drawn By</b>	: AESPL Consultancy Division	<b>Transported By</b>	: AESPL Consultancy Division		
<b>Date of Sample Receipt</b>	: 18/08/2023	<b>Sample Identification</b>	: W- 23/08/155		
<b>Sample Quantity &amp; Container</b>	: F-1 lit; Plastic can.				
<b>Date of Sample Analysis</b>	: 18/08/2023 to 19/08/2023				
<b>Environmental Conditions at site</b>	: Water Temperature: 25°C, Air Temperature: 30°C, Water Cooler and surrounding was clean.				
<b>Transportation Condition</b>	: Water Temperature: < 6°C, Cold storage.				
<b>Project/ Job number</b>	: 4800153955 dtd 28 Mar 2022				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01				
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.7°C and Humidity: 69%				
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.16	6.5 - 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	32	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron as Fe, mg/l	0.031	1.0 Max	No relaxation	IS-3025(P-11) RA2019
7.	Chloride as Cl <sup>-</sup> , mg/l	12	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.

**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

## Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-23/08/168

Issue Date: 08/08/2023

Name of Customer & Contact Details	:	K. Raheja Corp Pvt. Ltd Plot C-30, Block G Oppo. SIDBI, BKC Bandra(E), Mumbai-400051 Mr. Deepaklal Yadav, 9920751304 E-Mail: - <a href="mailto:deepaklaly@kraheja.com">deepaklaly@kraheja.com</a>			
Name of Site	:	KRPL# Residential Bldg., Metal Box, Worli,			
Nature of Sample	:	Drinking water	Location of Sample	:	HSBC Plot labour colony
Date of Sample Drawn	:	16/08/2023	Time of Sample Drawn	:	11:00 am
Sample Drawn By	:	AESPL Consultancy Division	Transported By	:	AESPL Consultancy Division
Date of Sample Receipt	:	18/08/2023	Sample Identification	:	Mw- 23/08/168
Sample Quantity & Container	:	250 ml; Glass bottle.			
Date of Sample Analysis	:	18/08/2023 to 19/08/2023			
Environmental Conditions at site	:	Surrounding area is clean.			
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.			
Project/ Job number	:	4800153955 dtd 28 Mar 2022			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01			
Environmental Condition while Testing	:	Ambient Temperature: 22.2°C and Humidity: 49 %			
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis	
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021	
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021	

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. The results apply to the sample as received



**Pranali N. Patil**  
(Authorized Signatory)

-End of Test Report-

## ANNEXURE II A

By Speed Post

No. 21-413/2006-IA.III  
Government of India  
Ministry of Environment & Forests  
(IA Division)

Paryavaran Bhawan,  
CGO Complex, Lodhi Road  
New Delhi-110003

Dated: February 6, 2007

To

Mr. Ravi Raheja, Director  
K. Raheja Pvt. Ltd.,  
Construction House, A 24<sup>th</sup> Rd,  
Khar (W), Mumbai - 400052.

**Subject: Environmental clearance for the construction of residential complex on plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme No. 52, G/South Ward, Mumbai by M/s K. Raheja Pvt. Ltd.**

Sir,

I am directed to refer to your application seeking prior environmental clearance for the above said project under the EIA Notification 1994 as amended on July 2004. The proposal has been appraised as per prescribed procedure on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP, Public Hearing proceedings and the additional clarifications furnished in response to the observations of the Additional Expert Appraisal Committee (AEAC) constituted by the competent authority in its meeting held on December 15-16, 2006 and provisions under EIA Notification dated 14.9.2006.

2. The project proponent is setting up a residential complex on plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme No. 52, G/South Ward, Mumbai. The proposal is for construction of 142 dwelling units in one residential building comprising of 2 levels podium plus stilts plus thirty five upper floors. The area of the plot is 14,638.91 sq. m. and built up area as indicated to be 42,094 m<sup>2</sup>. The domestic water consumption is 117 m<sup>3</sup>/day and waste water generation is 90 m<sup>3</sup>/day. A sewage treatment plant will be provided to treat sewage. The solid waste generated (0.36t/day) will be segregated and bio-dregrable waste will be composted by invessel composting technology after recovering recyclable material. The inert material will be disposed of for land filling.

3. The EIA report submitted along with the application predicts that there will be insignificant impact on the ambient air quality during construction as well as operation phase. There will be minor negative impact near noise generation sources inside premises during construction phase. But there will be no significant impact on ambient noise levels at sensitive receptors outside the premises due to proper parking design and plantation. There will be positive impact on hydrology and natural drainage



due to adequate provision of storm water drainage. There will be minor negative impact on water availability. However, there will not be any negative impact on the water quality. There will be significant positive impact on the aesthetic due to extensive landscaping.

4. The EAC after due consideration of the relevant documents submitted by the project proponent, responses to the public concerns expressed during the public hearing and additional clarifications furnished in response to its observations have recommended the grant of environmental clearance for the project mentioned above subject to compliance with the EMP and other stipulated conditions. Accordingly, the Ministry hereby accords necessary environmental clearance for the project subject to the strict compliance with the specific and general conditions mentioned below:

#### PART A- SPECIFIC CONDITIONS

##### I. Construction Phase

- i. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- ii. Soil and ground water samples will be tested to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.
- iii. A First Aid Room will be provided in the project both during construction and operation of the project.
- iv. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- v. All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- vi. Disposal of muck including excavated material during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people.
- vii. Use of diesel power generating sets during construction phase should be enclosed type to prevent noise and should conform to rules made under Environment (Protection) Act-1986, prescribed for air and noise emission standards.
- viii. Vehicles hired for bringing construction material at site should be in good condition and should conform to applicable air and noise emission standards.
- ix. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- x. Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.

xi. Regular supervision of the above and other measures should be in place all through the construction phase so as to avoid disturbance to the surroundings.

xii. The movement of public and flow of traffic shall not be adversely affected due to dumping of either excavated soil or material, used in construction of the complex on public road.

xiii. Roads, pavement and public places shall not be used for storing building material, parking of vehicles, installation of construction machinery and DG set etc.

xiv. During construction phase, arrangements shall be made to prevent spread of dust to surrounding areas.

## II. Operation Phase

The environmental clearance recommended to the project is subject to the specific conditions as follows:

i Adequate parking space shall be provided for cars and also for their movement at ground level.

ii During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

iii Oil & Grease trap shall be provided to remove oil and grease from the surface run off and suspended matter shall be removed in a settling tank before its utilization for rainwater harvesting.

iv The leachate from vermi-composting shall be treated in sewage treatment plant.

v The installation of sewage treatment plant (STP) should be certified by an independent expert for efficiency as well as adequacy and should submit a report in this regard to the Ministry before the project is commissioned for operation. The wastewater should be treated to tertiary level and after treatment reused for flushing of toilets and gardening. Discharge of treated sewage shall conform to the norms & standards prescribed by Maharashtra State Pollution Control Board.

vi Water harvesting system and energy conservation measures like installation of solar panels for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

vii Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.

viii The solid waste should be properly collected & segregated. Wet garbage should be disposed by the vermi-culture composting method. The STP sludge shall be used as manure.

ix Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Maharashtra State Pollution Control Board.

x. Diesel power generating sets proposed as source of back up power for lifts and common area illumination should be of enclosed type and conform to Environment (Protection) Act Rules prescribed for air and noise emission standards as per CPCB guidelines. Exhausts should be discharged by stack, raised to 4 meters above the rooftop.

xi The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.

xii Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.

xiii The ground water levels and its quality should be monitored regularly in consultation with Central Ground Water Authority.

xiv Adequate measure should be taken to avoid any traffic congestion near the entry and exit points from the roads adjoining the proposed project site.

xv A Report on the energy conservation measures should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the Ministry in three months time.

xvi The values of R & U for the building envelope should meet the requirements of the hot & humid climatic location. Details of the building envelope should be worked out and furnished in three months time.

xvii Suitable insulation material should be provided in the roof structure to reduce the U value to about 0.35 Watts per sqm per degree Centigrade

xviii. The operation & maintenance of assets created shall be ensured by signing contract with suppliers of equipment/machinery/system etc. for atleast three years.

#### **PART - B. GENERAL CONDITIONS**

i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.

ii) Provision should be made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase.

iii) All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.

iv) 6 monthly monitoring reports should be submitted to the Ministry and its Regional Office.

5. Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their

inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhopal.

6. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department (if required), CRZ Regulations, State Forests Department etc. shall be obtained by project proponents from the competent authorities.

9. A copy of the environmental clearance letter would be marked to the local NGO(s), if any, from whom suggestion/representation were received at the time of public hearing.

10. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Maharashtra State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

11. These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986 and the Public Liability (Insurance) Act, 1991.



**(K.C.RATHORE)**  
**Additional Director (IA)**  
**rathore27@yahoo.com**  
**Tele: 24360789**

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, New Administrative Building, 15<sup>th</sup> Floor, Opp. Mantralaya, Mumbai.
2. The Member Secretary, Maharashtra State Pollution Control Board, Kalptaru Point, 3<sup>rd</sup> Floor, Near Sion Circle Opp. Cine Planet Cinema, Sion(E), Mumbai.
3. The CCF, Regional Office, Ministry of Environment & Forests, Bhopal.
4. IA - Division, MOEF, New Delhi - 110001.
5. Guard file

**(K.C.RATHORE)**  
**Additional Director (IA)**

The following information is being provided to you for your information only. It is not intended to be used for any other purpose. The information is confidential and its disclosure is restricted to those individuals who have been authorized to receive it. It is the policy of the Department of Justice to protect the confidentiality of this information. Any unauthorized disclosure of this information is prohibited. The information is being provided to you for your information only. It is not intended to be used for any other purpose. The information is confidential and its disclosure is restricted to those individuals who have been authorized to receive it. It is the policy of the Department of Justice to protect the confidentiality of this information. Any unauthorized disclosure of this information is prohibited.

This document is the property of the Department of Justice. It is to be used only for the purposes for which it was prepared. It is not to be distributed outside the Department of Justice. It is the policy of the Department of Justice to protect the confidentiality of this information. Any unauthorized disclosure of this information is prohibited.



Government of Maharashtra

File No.: SEAC 2010/CR.32/TC.2  
 Environment department,  
 Room No. 217, 2<sup>nd</sup> floor,  
 Mantralaya Annex.  
 Mumbai 400 032  
 Date: 22<sup>nd</sup> July, 2011

To,  
 M/s K. Raheja Private Ltd  
 Construction house, "A",  
 24<sup>th</sup> Road, Kbar (W),  
 Mumbai - 400 052  
 Tel: 91-22-26002177  
 Fax: 91-22-26005264  
 E mail: krahejacorp@vsnl.com

3

**Subject: - Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot" at Lower Parel Division, G/S Ward, Worli, Mumbai by M/s K. Raheja Private Ltd. - Environmental clearance regarding.**

Sir,

This has reference to your communication dated 26<sup>th</sup> February, 2010 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 32<sup>nd</sup>, 37<sup>th</sup> & 40<sup>th</sup> meetings and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 36<sup>th</sup> Meeting held on 28<sup>th</sup> March, 2011.

2. It is noted that the proposal is for grant of Environmental Clearance for Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot" at Lower Parel Division, G/S Ward, Worli, Mumbai by M/s K. Raheja Private Ltd. SEAC considered the project under screening category 8 (a) as per EIA Notification 2006.

**Brief information of the project is summarized as below-**

<b>Name of the Project</b>	: "Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot"
<b>Project Proponent</b>	: M/s K. Raheja Private Ltd
<b>Location of the project</b>	: C.S. No. 2/1629 of Lower Parel Division, Plot No. 249 & 249A of Worli Scheme No. 52, G/S ward, Mumbai.
<b>Type of Project</b>	: Construction Project
<b>Total Plot Area</b>	: 14,638.91 Sq. m.
<b>Proposed Total built up area</b>	: <b>Construction area of Residential building :</b> <ul style="list-style-type: none"> <li>▪ As per FSI : 29,435.93 sq. m.</li> <li>▪ Non FSI area : 57,403.74 sq. m.</li> <li>▪ Total Construction area of residential building: 86,839.67 sq. m.</li> </ul> <b>Construction area of MCGM Parking lot : 33,289.50 sq. m.</b>

Estimated cost of the project	:	₹ 496.82 Crores
No. of Buildings	:	One (Composite Building of Residential Wing and Municipal Public Parking Lot)
Maximum height of building	:	Residential Building - 195.00 mts Municipal Public Parking Lot - 28.95 mts

#### Water Requirement:

**Residential Wing:** Fresh water: 111 KLD, Recycled water: 73 KLD

Source: MCGM/STP

Wastewater generated: 81 KLD. Waste water generated from the proposed project will be treated by sewage treatment plant

Capacity of STP: 90 KLD

Treated wastewater will be utilized on site for landscaping and flushing. Excess treated water will be discharge to municipal sewer line.

#### Public Parking Lot Unit :

Total water requirement = 9.5 m<sup>3</sup>/day

Total sewage = 7.20 m<sup>3</sup>/day

STP Capacity = 10.00 m<sup>3</sup>/day

The treated water from the STP will be used for flushing in the said building and necessary arrangements will be made during construction.

#### Rain Water Harvesting (RWH)

- 2 Nos. of Tanks with 50 m<sup>3</sup>/day capacity will be provided for roof water collection. This will be equal to 1.5 day's fresh water requirement.
- 22 Nos. of Rain Water Harvesting pits of 1.5 mts dia. x 8.0 mts deep will be provided.

#### Storm water drainage

- Natural water drainage pattern: There is no water drain/natural nallah passing through the plot. Hence the development will not affect the natural drainage system

#### Solid Waste Generation:

229.5 Kg/day (@ 425g/ person) of solid waste will be generated from the proposed building. The waste is proposed to be segregated right at the site in separate bins so that biodegradable and non-biodegradable wastes are separated. Recyclable materials from non-biodegradable waste will be disposed by selling the same to the scrap dealers. The remaining inert waste along with biodegradable waste is proposed to be disposed off through the Municipal Solid Waste Department of the Municipal Corporation of Greater Mumbai.

#### Energy:

Total Connected Load : 5015.69 KW (for 108 Flats, Common Services and Residential Parking lots). Max Demand = 2690.54 KW

2 DG sets of 1010 KVA each will be provided for Residential Building as follows:

- 1 D.G set for common area lighting, Lift lobby, entrance lobby, external lighting and other common services like Fire Fighting services, lift, and water pump.
- 1 D.G set for emergency light and fan provision in each flat.

In addition 1 D.G set of 200 KVA DG Set to be provided for the Public Parking Lot.

*Rahner* -2



### Energy Conservation:

- Energy efficient fluorescent LED Tube Lights & CFL lamps are proposed whereby approx. 30% more light output is likely to be achieved for the same watts consumed and therefore reducing the power consumption and thereby reducing the need to provide more fixtures and wiring.
- All fluorescent light fixtures are planned with electronic chokes, to provide less wattage-loss, compared to electromagnetic chokes, resulting in superior operating power factor and to improve the life of the fluorescent lamps.
- The UPS is proposed with high input power factor (close to unity) so that input KVA is restricted.
- UPS system is proposed with harmonic distortion restricted to less than 5% compared to far greater than 10% in many conventional UPS systems.
- Bus bars in all distribution panels are specified as copper bus bars to reduce losses and improve reliability.
- Copper conductor cables will be specified for sizes of 16 Sq.m and below, this will reduce losses and improve reliability. All cables will be de-rated to avoid heating during use to indirectly reduce losses and improve reliability.
- Variable frequency drives will be incorporated on motor feeders accordingly to viability, which will save considerable energy.
- Power factor of the complete electrical system will be maintained close to unity. This will reduce electrical power distribution losses.
- An APFC relay based on thyristor switching will be proposed to effect the power factor correction / improvement within a few cycles of deviation from the setting & also to reduce inrush currents.
- Solar operated pole lights will be proposed to power pathway lights at a few strategic locations.
- Presence sensors & daylight sensors will be provided where ever feasible. If not possible centralized control point is provided from which security or using Daily timer switching of light is scheduled to optimum level.
- Water Pumps are planned to be integrated with level controllers to minimized water loss due to over flow

**Green Belt Development:** Total R.G Area Provided - 3,573.50 Sq. mts

Area of R.G (Additional) on Ground - 1,930.50

35 nos. of trees are existing at the site, and all the trees are proposed to be retained. In addition 183 nos. of trees are proposed to be planted to improve the environment in the site. On completion of the project 218 nos. of trees are planned on site as required under the MCOM norms.

**Traffic Management:** The Car parking for Residential Wing proposed is 279 nos.

Built up Area for Car Park for Residential Wing - 10,845.90 sq.mts

### Environmental Management Plan:

**Construction Phase:** Total capital cost for EMP shall ₹ 0.50 Lac Lakhs and O & M for EMP shall be ₹ 47.00 Lac lakhs;

**Operation Phase :** Total capital cost for EMP shall ₹ 11.0 Lac Lakhs and O & M for EMP shall be ₹ 7.00 Lac lakhs

3. The proposal has been considered by SEIAA in its 36<sup>th</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :-





- (i) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (ii) The proposed height of the building requires NOC from High Rise Committee (HRC). If there is any change in the plans suggested by HRC, Project proponent should approach SEIAA with corrected building plans.
- (iii) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
- (iv) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- (v) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- (vi) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (vii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (viii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- (ix) The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material
- (x) Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- ~~(xi) Arrangement shall be made that waste water and storm water do not get mixed.~~
- (xii) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (xiii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- (xiv) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (xvi) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.





- (xvii) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- (xviii) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- (xix) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- (xx) The diesel required for operating D/G sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xxi) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xxii) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- (xxiii) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- (xxiv) Ready mixed concrete must be used in building construction.
- (xxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- (xxvi) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxix) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
- (xxx) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (xxxi) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.
- (xxxii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxxiii) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.



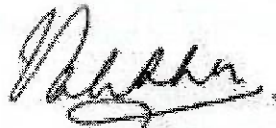


- xxxiv) Use of glass may be reduced up to 40% to reduce the electricity consumption a load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- xxxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement
- xxxvi) Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.
- xxxvii) Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- xxxviii) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- xxxix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- xl) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement
- xli) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation
- xlii) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- xliii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- xliv) Six monthly monitoring reports should be submitted to the Department and MPCB.
- xlv) A complete set of all the documents submitted to Department should be forwarded to the MPCB
- xlvi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- xlvii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- xlviii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- xliv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.





- (i) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>.
  - (ii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
  - (iii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
  - (iii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  - (iv) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
  - (iv) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
  5. This environmental clearance is issued as per EIA Notification, 2006. If any part of the plot is affected by CRZ then project proponent should obtain NOC from MCZMA as per PSI applicability. If there is change in building plan accordingly, project proponent should approach SEIAA with corrected plans.
  6. In case of submission of false document and non compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
  7. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.





8. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years.
9. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
10. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
11. Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Delhi - 110 022, if preferred, within 60 days as prescribed under Section 35 of the National Green Tribunal Act, 2010.



(Valsa R Nair Singh)  
Secretary, Environment  
Department & MS, SEIAA

**Copy to:**

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Church gate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi - 110510
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi Shastri Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Mumbai.
7. Collector, Mumbai.
8. Commissioner, Brihan Mumbai Municipal Corporation.
9. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
10. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.
11. Select file (TC-3).

**Government of Maharashtra**

SEAC-2010/CR-323/TC-2  
 Environment department,  
 Room No. 217, 2<sup>nd</sup> floor,  
 Mantralaya Annexe,  
 Mumbai 400 032  
 Date: 11<sup>th</sup> June, 2014

To,  
 M/s K. Raheja Pvt. Ltd.  
 Plot. No. C-30, Block "G"  
 Next to Bank of Baroda,  
 BKC, Bandra (E),  
 Mumbai- 400 051

**Subject: - Amendment in Proposed Residential building and Multi storied Public Parking Lot Building at plot bearing C.S. No. 2/1629 of Lower Parel Division, Plot No. 249 & 249A of worli ,Mumbai by M/s. K. Raheja Pvt. Ltd**

**Reference-** Even number environment clearance letter dated 22<sup>nd</sup> July, 2011

Sir,

This has reference to your communication on the above mentioned subject.

2. It is noted that, the proposal earlier considered by SEAC in its 32<sup>nd</sup>, 37<sup>th</sup> & 40<sup>th</sup> meetings and recommended to SEIAA. SEIAA in its 36<sup>th</sup> meeting decided to accord grant of EC to the project. Accordingly EC has been issued to the project vide letter no SEAC-2010/CR-323/TC-2 dated 22<sup>nd</sup> July, 2011. The amendment proposed in the EC letter is due to aggregate construction area of the project proposed to increase by 8.2 %. This is on account of provision of the mandatory requirements of the authorities relating to the structural requirements, services floors, fire check floors. Considering the marginal changes and minimal impact on environment SEIAA in its 70<sup>th</sup> meeting decided to grant the amendment of EC as below-

	Environmental Clearance granted on 22 <sup>nd</sup> July 2011		Now proposed		Remarks
	Residential Wing	MPPL	Residential Wing	MPPL	

<b>Plot area</b>	14638.91 Sq. Mts		14638.91 Sq. Mts		No change
<b>Permissible Built Up Area</b>	29,435.93 Sq. Mts.	-	30,590.03 Sq. Mts	-	a) Permissible Built Up area has increased due FSI benefit of Amenity area being handed over to MCGM.  b) FSI area has increased due to Fungible FSI
<b>Fungible Area</b>	-	-	10,706.51 Sq. Mts	-	
<b>Total FSI Area approved</b>	29,435.93 Sq. Mts.	-	41,296.54 Sq. Mts	-	
<b>Non- FSI Area</b>	57,403.74 Sq. Mts	-	55,403.12 Sq. Mts	-	Non-FSI area reduced.
<b>Construction Area</b>	86,839.67 Sq. Mts.	33,289.50 Sq. Mts	96,699.66 Sq. Mts	33,119.24 Sq. Mts	9,859.99 Sq. Mts of Construction area has increased due to requirement of structural / services floors and fire check floors
<b>Building Configuration</b>	9 Parking Floors + Stilts + 33 Upper Floors.	2B + Ground + 7 Upper Floors	8 Parking Floors; that is, 2B + G + 5 parking floors + stilts + 5 structural / services floors + 2 fire check floors + 37 habitable floors. The 5th Parking Floor above the Public Parking Lot will be for Residential Parking.	2B + G + 4 parking floors.	<b>Residential Wing:</b> a) 2 Basements added to adjust services and parking due to change in MPPL Policy b) 3 Parking Floors have been reduced due to revised DCR. c) 4 habitable floors are added due to fungible FSI. <b>Municipal Public Parking Lot:</b> 3 Parking Floors are reduced as per MPPL Policy, DCR – 33(24).
<b>Tenements</b>	108 Nos.	-	102 Nos.		6 Nos. of Flats are reduced due to location of refuge floors, services and revised DCR.

<b>Car Parks Required</b>	270	-	255 Nos.	-	15 Nos. are reduced as per parking requirement for reduced tenements.
<b>Car Parks Proposed</b>	279	775 (inclusive of 21 Nos. of transport vehicles).	319 Nos.	803 Nos. (including 9 transport vehicles).	Parking in Residential Wing increased as permitted under DCR.
<b>Height of the proposed building.</b>	The Environmental Clearance was granted for 195.0 Mts height	MPPL height granted was upto 28.95 Mts	The height now proposed is 188.10M	MPPL height now proposed for Ground + 5 Upper Parking Floors within Podium of 24.0 Mts height	Floor Height revised as per new DCR (3.9 Mts instead of 4.2 Mts)

Terms and conditions stipulated in even number environment clearance letter dated 22<sup>nd</sup> July, 2011 remains the same.

*R.A. Rajeev*  
(R.A. Rajeev)  
Principal Secretary,  
Environment department &  
MS, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri. Ravi Bhushan Budhiraja, Chairman, SEAC-II, 5-South, Dilwara Apartment, Cooperage, M.K.Road, Mumbai 400021
3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi - 110510.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.

5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Mumbai.
7. Collector, Mumbai
8. Commissioner, Municipal Corporation Greater Mumbai (MCGM)
9. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
10. Select file (TC-3)

(EC uploaded on 12 June 2014)





## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

SEAC-2016/C.R.424/TC-1 Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: May 12, 2017

To,  
Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai  
at Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai

**Subject:** Environment Clearance for Application for Amendment in Environmental clearance for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its Meeting Number 111th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category B1 as per EIA Notification 2006.

**Brief Information of the project submitted by you is as below :-**

1.Name of Project	Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai
2.Type of institution	Private
3.Name of Project Proponent	M/s.K.Raheja Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential tower building plus public parking lot Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC has been received vide letter no: SEAC-2010/CR-323/TC-2 dated 11th June, 2014.
8.Location of the project	Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai
9.Taluka	mumbai
10.Village	worli
11.Area of the project	MCGM
12.IOD/IOA/Concession/Plan Approval Number	concession document IOD/IOA/Concession/Plan Approval Number: EB/1105/GS/A Approved Built-up Area: 55676.00
13.Note on the initiated work (If applicable)	The PPL building has been constructed on site. As regards Residential building the work up to 20th habitable floors is completed. Total 1,13,496.53 Sq. M. is constructed on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	not applicable
15.Total Plot Area (sq. m.)	20117.24 sqm
16.Deductions	647.93 sqm
17.Net Plot area	19469.31 sqm
18.Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 54138.85 Non FSI area (sq. m.): 105600.37 Total BUA area (sq. m.): 159739.22

SEIAA Meeting No: Meeting Number 111 Meeting Date: May 12,  
2017 ( SEIAA-STATEMENT-000000011 )  
SEIAA-MINUTES-0000000179  
SEIAA-EC-0000000102

Page 1 of 12

Shri Satish M. Gavai (Member  
Secretary SEIAA)

19.Total ground coverage (m2)	14448.17
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	74.21%
21.Estimated cost of the project	8829800000



# Government of Maharashtra

SEIAA Meeting No: Meeting Number 111 Meeting Date: May 12,  
2017 ( SEIAA-STATEMENT-0900000011 )  
SEIAA-MINUTES-0000000179  
SEIAA-EC-0000000102

Page 2 of 12

Shri Satish.M.Gavai (Member  
Secretary SEIAA)

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	MCGM
	Fresh water (CMD):	Residential -72 KLD MPPL-2 KLD
	Recycled water - Flushing (CMD):	Residential -36 KLD MPPL- 3 KLD
	Recycled water - Gardening (CMD):	27 KLD
	Swimming pool make up (Cum):	cum
	Total Water Requirement (CMD):	Residential -135 KLD MPPL- 5 KLD
	Fire fighting - Underground water tank(CMD):	400 cum
	Fire fighting - Overhead water tank(CMD):	cum
	Excess treated water	20 KLD
<b>Wet season:</b>	Source of water	MCGM
	Fresh water (CMD):	Residential -72 KLD MPPL-2 KLD
	Recycled water - Flushing (CMD):	Residential -36 KLD MPPL- 3 KLD
	Recycled water - Gardening (CMD):	0 KLD
	Swimming pool make up (Cum):	cum
	Total Water Requirement (CMD):	Residential -108 KLD MPPL- 5 KLD
	Fire fighting - Underground water tank(CMD):	400 cum
	Fire fighting - Overhead water tank(CMD):	cum
	Excess treated water	105 KLD
<b>Details of Swimming pool (If any)</b>		



### 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		1.5 m ? 12.0 m bgl						
	Size and no of RWH tank(s) and Quantity:		Residential ? 122 KL stilt ? 57 KL						
	Location of the RWH tank(s):		Ground and basement						
	Quantity of recharge pits:		23						
	Size of recharge pits :		1.5 m						
	Budgetary allocation (Capital cost) :		Rs 27 Lakhs						
	Budgetary allocation (O & M cost) :		Rs 1.35 Lakhs /Annum						
Details of UGT tanks if any :		Domestic Water Tank Residential -90 KL MPPL-5 KL Flushing Water Tank Residential -36 KL MPPE-5 KL Fire Water Tank Residential -300 KL MPPL- 100 KL Rain Water Harvesting Tank Residential ? 122 KL stilt ? 57 KL Location of tank Basement /Ground for RWH							
26.Storm water drainage	Natural water drainage pattern:		The SWD has been proposed as per the SWD remarks granted by MCGM under no.Dy.Ch.E/SWD/249 Dated 21.07.2012						
	Quantity of storm water:		The SWD has been proposed as per the SWD remarks granted by MCGM under no Dy.Ch.E/SWD/249 Dated 21.07.2012						
	Size of SWD:		The SWD has been proposed as per the SWD remarks granted by MCGM under no Dy.Ch.E/SWD/249 Dated 21.07.2012						
27.Sewage and Waste water	Sewage generation in KLD:		97 KLD						
	STP technology:		Residential ?SBR MPPL- MBBR						
	Capacity of STP (CMD):		Residential ?125 KL MPPL- 10 KL						
	Location & area of the STP:		Basement & ground						
	Budgetary allocation (Capital cost):		Rs 65 Lakhs						
Budgetary allocation (O & M cost):		Rs 8 lakhs /annum							

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Empty cement bags- 200 nos, Steel= 3 ton , Metal = 200 sqft, Aerocan lightweight block= 250 nos, sand =200 sqft, Tiles/Marble & granite= 50 sqft, Aluminum windows =5 kg
	<b>Disposal of the construction waste debris:</b>	Steel cut pieces shall be used as spacers and chairs in the structure and wastage of steel (balance non usable steel of odd lengths) is sent for recycling. Wastage of sand will be used for bedding for flooring purpose. They shall also be used for backfilling and filler material for leveling of internal roads and pavements
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	160 Kg/day
	<b>Wet waste:</b>	240 Kg/day
	<b>Hazardous waste:</b>	not applicable
	<b>Biomedical waste (If applicable):</b>	not applicable
	<b>STP Sludge (Dry sludge):</b>	3 Kg/day
	<b>Others if any:</b>	not applicable
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	To be hand over to Local Recyclers for recycling
	<b>Wet waste:</b>	To be processed in the OWC. Manure obtained shall be used for landscaping/ Gardening. Excess manure shall be sold to nearby end users.
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	To be used as a manure
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	ground
	<b>Area for the storage of waste &amp; other material:</b>	110 sqm
	<b>Area for machinery:</b>	2.03 m x 1.37m x 1.65m i.e 2.5Sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.12 Lakhs
	<b>O &amp; M cost:</b>	Rs.2.4 lakhs /annum

Government of  
Maharashtra



### 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



Government of  
Maharashtra

### 30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33. Source of Fuel: Not applicable

34. Mode of Transportation of fuel to site: Not applicable

### 35. Energy

<b>Power requirement:</b>	Source of power supply:	TaTa/Reliance
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	11169 Kw
	During Operation phase (Demand load):	4825 Kw
	Transformer:	Residential 71 X 2000 kVA MPPL- 500 kVA
	DG set as Power back-up during operation phase:	Residential 71 X 2000 kVA MPPL- 500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

#### Energy saving by non-conventional method:

? Design with low lighting power density of 0.8 w/sft or less in common areas by using LED'S for general lighting with occupancy sensors & timer based controls  
 ? Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5 using energy efficient 5 star rated equipments  
 External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LED'S  
 Use of efficient VRF or equivalent system with filters like MER

### 36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving%	26%
2	% saving through renewable energy w.r.t total saving	10%

### 37. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
--------	-----------------------------------	--------------------------

Not applicable	Not applicable	Not applicable
----------------	----------------	----------------

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 90 lakhs
	O & M cost:	Rs. 4.5 lakhs

### 38. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	6
2	Noise Environment	Noise Baricades and Green Belt Developments	4
3	Water Environment	Modular STP, Drainage with sedimentation tanks	5
4	Good Health Practices	Site Sanitation & Health Care	4
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	3

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Solid waste management	OWC	12	2.4
2	waste water management	STP	65	8
3	electrical savings	Energy savings	90	4.5
4	RHW	RWH system	27	1.35
5	RG area	Landscaping	105	21
6	disaster management plan	DMP	650	39

### 39. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable.	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40. Any Other Information

No Information Available
--------------------------



	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not applicable
	<b>Category as per schedule of EIA Notification sheet</b>	B1
	<b>Court cases pending if any</b>	Not applicable
	<b>Other Relevant Informations</b>	Not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	15-03-2016

**3. The proposal has been considered by SEIAA in its Meeting Number 111th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

**General Conditions:**

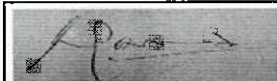
I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated, dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.

XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS-standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of the unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.



XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

# Government of Maharashtra



4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


  
Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

1. SHRI ANAND. B. KULKARNI, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAR, CHAIRMAN-SEAC-I
3. SHRI JOHNY JOSEPH, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE, CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD-MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MDC ANDHRA
14. REGIONAL OFFICE MDC KOPERKHAIRANE NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN

SEIAA Meeting No: Meeting Number 111 Meeting Date: May 12,  
2017 ( SEIAA-STATEMENT-000000011 )  
SEIAA-MINUTES-0000000179  
SEIAA-EC-0000000102

Page 12 of  
12

  
Shri Satish.M.Gavai (Member  
Secretary SEIAA)





## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: August 3, 2019

To,  
M/s K Raheja Pvt. Ltd  
at Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No 249 & 249A, 248B Of Worli estate scheme no 52, Worli Mumbai

Subject: Environment Clearance for Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by M/s K Raheja Pvt. Ltd

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 102nd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 172nd meetings.


2. It is noted that the proposal is considered by SEAC-II under screening category 8(b), category B1 as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building
2.Type of institution	Private
3.Name of Project Proponent	M/s K Raheja Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd
5.Type of project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC has been Received dated 12th May 2017 (SEIAA-EC-0000000102) for construction area 159739.22 sqm
8.Location of the project	Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No 249 & 249A, 248B Of Worli estate scheme no 52, Worli Mumbai
9.Taluka	Mumbai
10.Village	Worli
Correspondence Name:	Mr. Nikhil Mehta
Room Number:	Architect Department
Floor:	6th Floor
Building Name:	Raheja Tower
Road/Street Name:	Plot-C-30, Block -G
Locality:	Bandra Kurla Complex , Bandra (East)
City:	Mumbai 400051

SEIAA Meeting No: 172 Meeting Date: July 25, 2019 ( SEIAA-STATEMENT-0000001641 )  
SEIAA-MINUTES-0000002367  
SEIAA-EC-0000001926

Page 1 of 14

  
Shri. Anil Diggikar (Member Secretary  
SEIAA)

11. Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12. IOD/IOA/Concession/Plan Approval Number	Concession Received from MCGM
	IOD/IOA/Concession/Plan Approval Number: EB/1105/GS/A
	Approved Built-up Area: 65714.20
13. Note on the initiated work (if applicable)	As per architect certificate dated 04.10.2018 Total 1,39,961.84 sqm is constructed on site as per EC received dated 12th May 2017 (SEIAA- EC-0000000102) for construction area 159739.22 sqm
14. LOI / NOC / IOD from MHADA/ Other approvals (if applicable)	HRC NOC received , CFO NOC received ,I to R received ,HE NOC received ,SWD NOC received
15. Total Plot Area (sq. m.)	20117.24 sqm
16. Deductions	1449.85 sqm (Road set back - 647.93 sqm + Amenity open spaces - 801.92 sqm)
17. Net Plot area	18667.39 sqm.
18 (a). Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 65,714.20
	Non FSI area (sq. m.): 1,13,052.83
	Total BUA area (sq. m.): 178767.03
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): 65,714.20
	Approved Non FSI area (sq. m.): 1,13,052.83
	Date of Approval: 27-08-2018
19. Total ground coverage (m2)	14,671 sqm
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	78.59%
21. Estimated cost of the project.	10190000000

  
**Government of  
Maharashtra**



## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 23. Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	MCGM/STP recycled water
	<b>Fresh water (CMD):</b>	Residential -78 KLD , MPPL-2 KLD, Commercial wing A- 8 KLD, Residential wing B- 16 KLD Total - 104 KLD
	<b>Recycled water - Flushing (CMD):</b>	Residential -39 KLD , MPPL-3 KLD, Commercial wing A- 10 KLD, Residential wing B- 8 KLD Total- 60 KLD
	<b>Recycled water - Gardening (CMD):</b>	30 KLD
	<b>Swimming pool make up (Cum):</b>	25 KLD
	<b>Total Water Requirement (CMD) :</b>	194 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	Residential - 300 Cum, MPPL-100 cum, Wing A & B-200 cum
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential - 210 cum, MPPL- 30 cum, Commercial wing A- 30 cum, Residential wing B- 30 cum
	<b>Excess treated water</b>	48 KLD
<b>Wet season:</b>	<b>Source of water</b>	MCGM/STP recycled water/RWH
	<b>Fresh water (CMD):</b>	Residential -78 KLD , MPPL-2 KLD, Commercial wing A- 8 KLD, Residential wing B- 16 KLD Total - 104 KLD
	<b>Recycled water - Flushing (CMD):</b>	Residential -39 KLD , MPPL-3 KLD, Commercial wing A- 10 KLD, Residential wing B- 8 KLD Total- 60 KLD
	<b>Recycled water - Gardening (CMD):</b>	0
	<b>Swimming pool make up (Cum):</b>	25 KLD
	<b>Total Water Requirement (CMD) :</b>	164 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	Residential - 300 Cum, MPPL-100 cum, Wing A & B-200 cum
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential - 210 cum, MPPL- 30 cum, Commercial wing A- 30 cum, Residential wing B- 30 cum
	<b>Excess treated water</b>	78 KLD
<b>Details of Swimming pool (If any)</b>	1 swimming pool of dimensions-24.75 m x 37.12m x 1.5 m	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	1.5 m - 12.0 m bgl
	Size and no of RWH tank(s) and Quantity:	Residential - 110 cum, Commercial wing A- 50 ,Residential -15 cum Total - 175 cum
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	23 nos. of recharge pits with bore well along with Grease cum distilling chamber
	Size of recharge pits :	1.5 m diameter x 6.00 m depth
	Budgetary allocation (Capital cost) :	Rs 15.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs 0.75 Lakhs /Annum
	Details of UGT tanks if any :	Fire tank ,Domestic tank, Flushing Tank, RWH Tank all located in the Basement

<b>26.Storm water drainage</b>	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal storm line along the DP existing roads which is towards north
	Quantity of storm water:	0.39 m <sup>3</sup> /sec
	Size of SWD:	300 mm RCC pipe

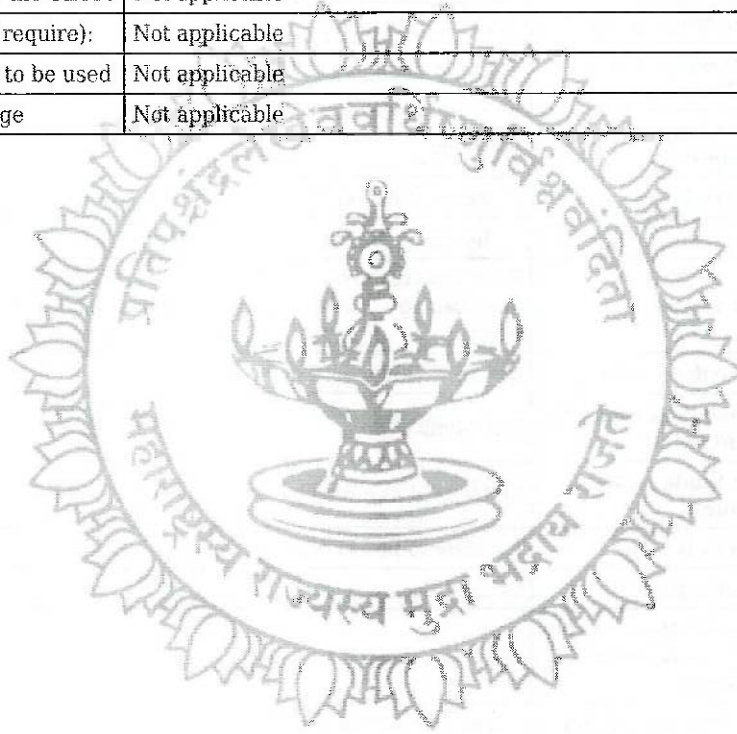
<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	Residential - 110 KLD, MPPL-4 KLD, Commercial wing A- 17 KLD, Residential wing B- 23 KLD Total - 154 KLD
	STP technology:	Residential -SBR, MPPL- MBBR, Commercial wing A & Residential wing B- MBBR
	Capacity of STP (CMD):	Residential -150 KLD, MPPL- 10 KLD, Commercial wing A & Residential wing B - 45 KLD
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	Rs 90.00 Lakhs
	Budgetary allocation (O & M cost):	Rs 15.00 lakhs /annum

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavated material, Cement Bags, Paint container (@20L), Scrap metal, Broken Tiles etc
	<b>Disposal of the construction waste debris:</b>	Excavated material Shall be used on site for backfilling and for Internal roads. Excess shall be disposed to authorized landfills, Cement Bags Empty bags to be handed over to recycler, Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be Sold for recycling, Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	378 Kg/day
	<b>Wet waste:</b>	432 Kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	8 Kg/day
	<b>Others if any:</b>	E- waste to be handed over to MPCB authorized vendors
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	To be hand over to Local Recyclers for recycling
	<b>Wet waste:</b>	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening. Excess manure shall be sold to nearby end users.
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	To be used as a manure
	<b>Others if any:</b>	E- waste to be handed over to MPCB authorized vendors
<b>Area requirement:</b>	<b>Location(s):</b>	Ground floor
	<b>Area for the storage of waste &amp; other material:</b>	110 sqm
	<b>Area for machinery:</b>	5 sqm for each machine
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 15.00 Lakhs
	<b>O &amp; M cost:</b>	Rs 3.00 lakhs /annum



29. Effluent Characteristics					
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



**Government of  
Maharashtra**



### 30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33. Source of Fuel: Not applicable

34. Mode of Transportation of fuel to site: Not applicable

### 35. Energy

<b>Power requirement:</b>	Source of power supply:	BEST/TATA
	During Construction Phase: (Demand Load)	400 kW
	DG set as Power back-up during construction phase	65 kVA
	During Operation phase (Connected load):	9304 kw
	During Operation phase (Demand load):	4392 kw
	Transformer:	4 X 1500 kVA
	DG set as Power back-up during operation phase:	1 x 2250 kVA & 2x 250 kVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	NA	

#### Energy saving by non-conventional method:

- Design with low lighting power density of 0.8 w/sft or less in common areas by using LEDs for general lighting with occupancy sensors & timer based controls
- Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5
- using energy efficient 5 star rated equipment's
- External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LEDs
- Use of efficient VFD or equivalent system with filters.

36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures	Saving %					
1	Overall energy savings	26%					
37.Details of pollution control Systems							
Source	Existing pollution control system	Proposed to be installed					
Not applicable	Not applicable	Not applicable					
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 120.00 lakhs					
	O & M cost:	Rs. 6.00 lakhs/Annum					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Air Environment	Water Sprinkling, Green Belt Development & Covered storage area	20.00				
2	Noise Environment	Noise Baricades and Green Belt	8.00				
3	Water Environment	Modular STP, Drainage with sedimentation tanks	6.00				
4	Land Environment	Site Sanitation	1.00				
5	Environmental Monitoring	Air, water, noise soil monitoring	1.50				
6	EHS	Disinfection & Health Care	3.00				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Solid waste management	OWC	15.00	3.00			
2	waste water management	STP	90.00	15.00			
3	RHW	RHW tanks and pits	15.00	0.75			
4	Energy conservation	Solar and LED	120.00	6.00			
5	Landscape	Greenbelt	120.00	24.00			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>40. Any Other Information</b>							
No Information Available							



# Government of Maharashtra

SEIAA Meeting No: 172 Meeting Date: July 25, 2019 ( SEIAA-STATEMENT-0000001641 )  
SEIAA-MINUTES-0000002367  
SEIAA-EC-0000001926

Page 9 of 14

  
Shri. Anil Diggikar (Member Secretary  
SEIAA)



	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not applicable
	<b>Category as per schedule of EIA Notification sheet</b>	8(b), category B1
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	The Occupation Permission to Public Parking Lot is granted on 07/09/2016 and same is handed over to MCGM on 06/01/2017. ToR has been received in 79th SEAC II meeting Dated 28.11.2018
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	11-10-2018

**3. The proposal has been considered by SEIAA in its 172nd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

I	PP to submit & upload EC compliance report, as discussed in the meeting.
II	PP to submit the structural stability certificate with load calculations as per NBC.
III	PP to submit & upload HRC NoC.
IV	PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
V	PP to submit detail calculation & plan for STP, CWC.
VI	PP to provide E-waste, Plastic waste transits store.
VII	PP to submit comparative statement regarding assessment of Environment Impact as per earlier EIA, Actual and impact due to proposed expansion.
VIII	PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project.
IX	PP to also refer standard ToR published by MoEF vide order dated 19/04/15 in addition to above.
X	It is noted that representative of PP not submitted the authority letter. PP to submit the same along with copy of company resolution.
XI	It is noted that the building configuration mentioned in the architect certificate & in PPT not matching. PP to submit the detail revised dated architect certificate addressed to committee.
XII	Structural Engineer & design engineer to remain present for meeting to explain the proposal in detail.
XIII	PP to upload the copy of HRC NoC.
XIV	PP to upload the copy of revised CFO NoC (for Commercial building).
XV	Local planning authority to ensure the structural stability of building for which vertical expansion is proposed before granting CC.
XVI	PP to ensure that minimum 40% area of proposed STP tanks should be open to sky for adequate ventilation.
XVII	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
XVIII	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department.

XIX	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
XX	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
XXI	SEIAA decided to grant EC for:FSI: 65640.87 m2, Non-FSI: 113126.16 m2 and Total BUA:178767.03 m2 ( IOD no-EB/1105/E/A, Date-24.01.2019 )

**General Conditions:**

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking all necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.



XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XI	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.



XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPGB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPGB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

# Government of Maharashtra

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MIDC ANDHERI
14. REGIONAL OFFICE MIDC KOPER KHAIRANI NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/MIS/42830/2018  
 Environment Department  
 Room No. 217, 2<sup>nd</sup> Floor,  
 Mantralaya,  
 Mumbai- 400032.  
 Date: 31.03.2020.

To,  
 M/s K Raheja Pvt. Ltd.  
 Worli estate scheme no 52, Worli Mumbai

**Subject** : Environment Clearance for Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by M/s K Raheja Pvt. Ltd.

**Reference:** Application no. SIA/MH/MIS/42830/2018

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 126<sup>th</sup> meeting under screening category 8 (b) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 187<sup>th</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. Brief Information of the project submitted by you is as below: -

Total Plot area	20117.24 Sq. Mt.
Deduction	0.00
Net Plot area	20117.24 Sq. Mt.
FSI area	88,047.07 Sq. Mt.
Non- FSI area	1,28,863.13 Sq. Mt.
Total Built-up area	2,16,910.20 Sq. Mt.
Building Configuration	Residential tower - 2B+G+5 parking floors + stilt 6 +structural/service floors+ 3 fire check floors+ 49 habitable floors. The 5th parking floor above the public parking lot will be for residential parking 239.00 m . PPL - 2B+G+4 parking floors. 3B+ G + 8 (pt) office floors35.20 m. Residential Bldg -Wing B Stilt + 6 habitable floors 24.00 m.
Number of tenants and shops	Residential Tower – 183 no's, Office Bldg (wing A)- 19086.77 sq. m, Residential Bldg (Wing B) – 36 no's
Total Population	Residential Tower – 915 no's, Office Bldg wing A- 1908 no's, Residential Bldg. Wing B – 180 no's, Total – 3003 no's
Water requirement	During Dry season – 268 KLD, During Wet season – 238 KLD..



Rain water Harvesting	: Size and no of RWH tank(s) and Quantity: NA Quantity of recharge pits: 3
Details of UGT	: Fire water tank: 200 KLD Domestic water tank: 70 KLD Flushing water tank: 90 KLD
Sewer generation	: 223 KLD
STP capacity, technology & location	Residential – 114 KLD , MPPL-4 KLD, office wing A- 82 KLD, Residential wing B- 23 KLD Total – 223 KLD.
RG required and Provided	4680.82 Sq.m.
Energy requirement	(Connected load) –14213 kw, (Demand load) – 7511 kw No. of DG sets & capacities : 1 x 2250 kVA & 2x 1250 kVA, 1 x 250 kVA
Energy Saving	Overall Energy saving total : Residential tower : 17%, Wing A & B: 13%
Solid waste generation	: Dry waste (Non- Biodegradable waste): 462 Kg/day Wet waste (Biodegradable waste): 308 Kg/day
OWC capacity	2 nos. of OWC
Parking	2 – Wheeler : Residential- 23 MPPL - 20 Total-43 no's, 4- Wheeler : Residential -529 no's Wing A &B -518 no's Total – 1047 no's (MPPL-803 ( Including 9 Transport vehicle).
EMP costing	Setting-up Cost-1282 Lakhs, Operational Cost- 138.90 Lakhs.
CER	: Cost of the Project: 2.05 Crs.

3. The proposal has been considered by SEIAA in its 187<sup>th</sup> meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

- I. PP to upload the wind analysis report & impact on RG.
- II. PP to upload the copy of application regarding HRC NoC & civil aviation NoC.
- III. The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- IV. EC is subject to submission of HRC NOC.
- V. PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
- VI. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
- VII. SEIAA decided to grant EC for FSI: 88047.07m<sup>2</sup>, Non-FSI: 128863.13 m<sup>2</sup> and Total BUA:216910.20 m<sup>2</sup> ( Plan Approval no-EEEB/1105/GS/A, Date-07.02.2020)

**General Conditions:**

- I. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.

- II. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- III. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- IV. PP has to abide by the conditions stipulated by SEAC & SEIAA.
- V. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- VI. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- VII. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- VIII. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- IX. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- X. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- XI. Arrangement shall be made that waste water and storm water do not get mixed.
- XII. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XIII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIV. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- XV. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XVI. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- XVII. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- XVIII. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XIX. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- XX. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise

- emission standards and should be operated only during non-peak hours.
- XXI. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XXII. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- XXIII. Ready mixed concrete must be used in building construction.
- XXIV. Storm water control and its re-use as per CGWB and BIS standards for various applications.
- XXV. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- XXVI. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.<sup>3</sup>
- XXVII. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- XXVIII. Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- XXIX. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
- XXX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- XXXI. Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- XXXII. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
- XXXIII. Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- XXXIV. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XXXV. Noise should be controlled to ensure that it does not exceed the prescribed standards. During



night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

- XXXVI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- XXXVII. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
- XXXVIII. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- XXXIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- XL. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- XLI. Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- XLII. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
- XLIII. Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- XLIV. Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- XLV. A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- XLVI. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- XLVII. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XLVIII. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- XLIX. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>
- L. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- LI. A copy of the clearance letter shall be sent by proponent to the concerned Municipal

Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

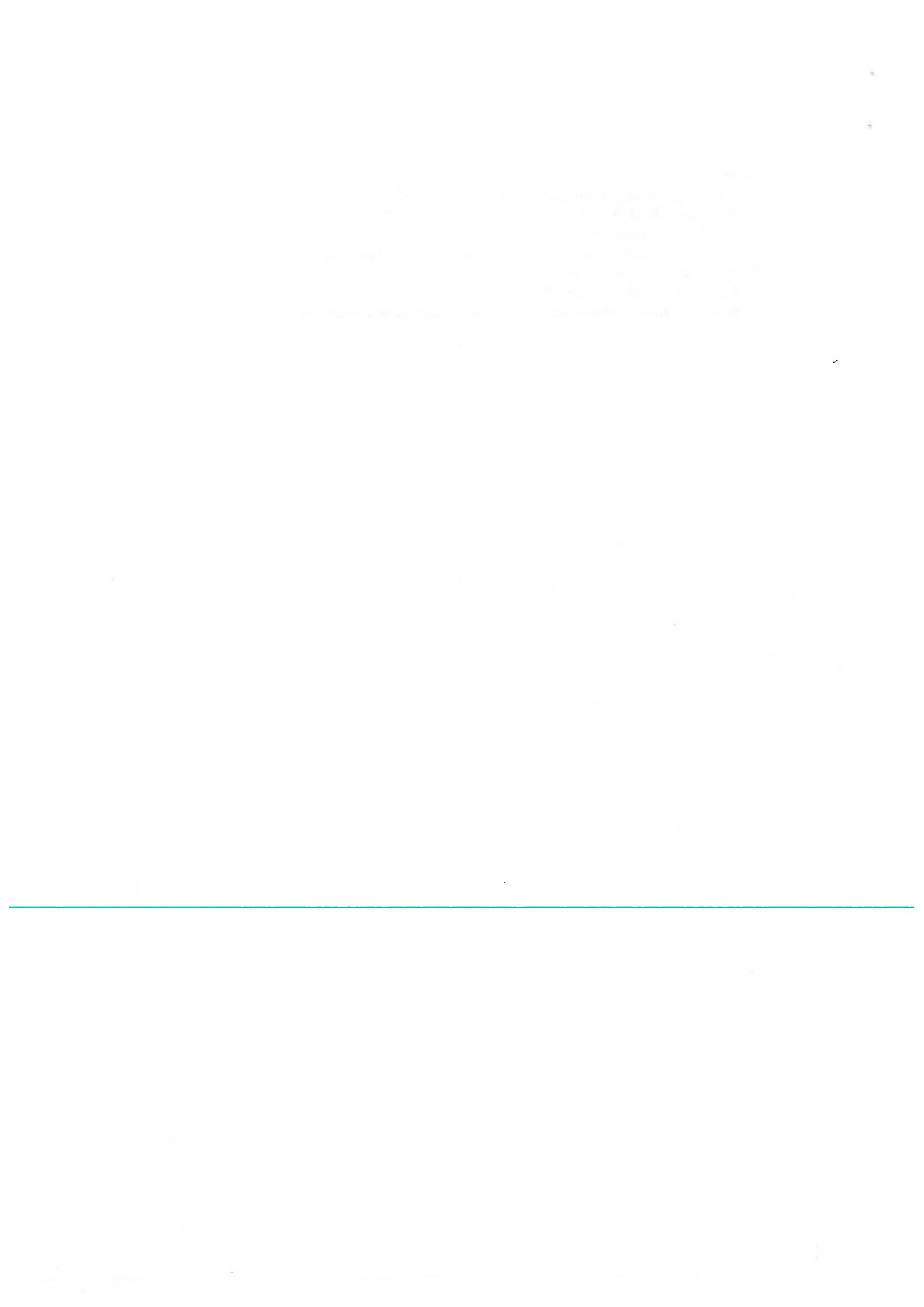
- LII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- LIII. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- LIV. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
  5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
  6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
  7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.
  8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
  9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
  10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Anil Diggikar  
(Member Secretary, SEIAA)

**Copy to:**

1. Shri Johny Joseph, Chairman, SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. Municipal Commissioner, MCGM.
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai.







**MUNICIPAL CORPORATION OF GREATER MUMBAI  
APPENDIX XXII**

**PART OCCUPANCY CERTIFICATE**

[EB/1105/GS/A/OCC/1/New of 10 June 2020]

To,  
**M/s. K Raheja Pvt. Ltd**  
**Plot No.C-30, G Block, Raheja Tower, Bandra Kurla Complex, Bandra ( E).**

Dear Applicant/Owners,

The **Part 2** development work of **Residential** building comprising of **4th and 5th (Below Tower Portion) parking floor + 23rd to 35th habitable floors + 1 service floor(Between 27th and 28th habitable floor) and 1 fire check floor(Between 25th and 26th habitable floor) and club house** on plot bearing C.S.No./CTS No. **2/1629,1A/1629** of Division **Lower Parel** at **Doordarshan Tower** is completed under the supervision of Shri. **KASTURI KEDAR PEWEKAR , Architect , Lic. No. CA/97/20974 , Shri. Girish Purushotam Dravid , RCC Consultant, Lic. No. STR/D/59** and Shri. **Mohit Adalkar , Site supervisor, Lic.No. A/179/SS-I** and as per development completion certificate submitted by architect and as per completion certificate issued by Chief Fire Officer u/no. **EB/1105/GS/A-CFO/1/New** dated **04 March 2020**.

It can be occupied with the following condition/s.

- 1) That all the balance conditions of I.O.D / amended plan approval letters shall be complied with before asking further OC.
- 2) That the remaining work shall be carried out as per approved amended plans.
- 3) That all the safety and precautionary measures to safeguard the occupants and neighborhood shall be taken while executing the remaining construction works.

**Copy To :**

1. Asstt. Commissioner, G/South
  2. A.A. & C. , G/South
  3. EE (V), City
  4. M.I. , G/South
  5. A.E.W.W. , G/South
  6. Architect, **KASTURI KEDAR PEWEKAR , Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)**
- For information please

Name : JADHAV RAJENDRA  
ANANDRAO  
Designation : Executive  
Engineer  
Organization : Municipal  
Corporation of Greater Mumbai  
Date : 10-Jun-2020 16: 09:20

Yours faithfully  
Executive Engineer (Building Proposals)  
Municipal Corporation of Greater Mumbai  
G/South



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**APPENDIX XXII**

**PART OCCUPANCY CERTIFICATE**

[EB/1105/GS/A/OCC/2/New of 18 December 2020]

To,  
**M/s. K Raheja Pvt. Ltd**  
**Plot No.C-30, G Block, Raheja Tower, Bandra Kurla Complex, Bandra ( E).**

Dear Applicant/Owners,

The **Part 3** development work of **Residential** building comprising of **2nd parking floor + 5th parking floor (Beyond Tower Portion) + Stilt + 36th to 45th habitable floors + 1 service floor (Between 37th and 38th habitable floor) and 1 fire check floor (Between 42nd and 43rd habitable floor)** on plot bearing C.S.No./CTS No. **2/1629,1A/1629** of Division **Lower Parel** at **Doordarshan Tower** is completed under the supervision of Shri. **KASTURI KEDAR PEWEKAR , Architect** , Lic. No. **CA/97/20974** , Shri. **Girish Purushotam Dravid** , RCC Consultant, Lic. No. **STR/D/59** and Shri. **Mohit Adalkar** , Site supervisor, Lic.No. **A/179/SS-I** and as per development completion certificate submitted by architect and as per completion certificate issued by Chief Fire Officer u/no. **EB/1105/GS/A-CFO/1/New** dated **10 December 2020**.

It can be occupied with the following condition/s.

- 1) That all the balance conditions of I.O.D / amended plan approval letters shall be complied with before asking further OC.
- 2) That the remaining work shall be carried out as per approved amended plans.
- 3) That all the safety and precautionary measures to safeguard the occupants and neighborhood shall be taken while executing the remaining construction works.

**Copy To :**

1. Asstt. Commissioner, G/South
  2. A.A. & C. , G/South
  3. EE (V), City
  4. M.I. , G/South
  5. A.E.W.W. , G/South
  6. Architect, KASTURI KEDAR PEWEKAR, Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)
- For information please

Name : JADHAV RAJENDRA  
ANANDRAO  
Designation : Executive  
Engineer  
Organization : Municipal  
Corporation of Greater Mumbai  
Date : 18-Dec-2020 14:30:08

Yours faithfully  
Executive Engineer (Building Proposals)  
Municipal Corporation of Greater Mumbai  
G/South



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**No. CHE/HRB-226/DPWS of**

**08 APR 2013**

OFFICE OF THE:  
 Chief Engineer (Development Plan)  
 Brihanmumbai Mahanagarpalika,  
 Municipal Head Office, 5th Floor,  
 Annex Building, Mahapalika Marg,  
 Fort, Mumbai-400 001.

To,  
 Shri Sambaprasad Pinge,  
 Architect,  
 Plot No.C-30, Block 'G',  
 Opp.SIDBL. Bandra Kurla Complex,  
 Bandra(E),Mumbai-400051.

**Sub:-** Proposed High Rise Residential building on property bearing C.S.No.2/1629 of Lower Parel Division, Plot No.249 & 249A of Worli Scheme No.52 situated at Lower Parel, Mumbai in G/S Ward (For Dev.Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.).

**Architect: Shri Sambaprasad Pinge**  
**Str.Con: Mr.Girish Dravid of M/s.Sterling Engg. Consultancy Pvt.Ltd.**  
**Developer: Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.)**

**Ref:-** Your letter dtd.16.12.2012

Gentleman,

With reference to your above referred representation regarding subject matter, I have by direction to inform you that the High Rise Committee as constituted by the Govt. in Urban Development Deptt. as per G.R.U/No.TPB-4303/49/CR-4/03/UD-11 dt.3.9.2010 has accepted your proposal for Proposed High Rise Residential building on property bearing C.S.No.2/1629 of Lower Parel Division, Plot No.249 & 249A of Worli Scheme No.52 situated at Lower Parel, Mumbai in G/S Ward (For Dev.Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.), subject to the terms & conditions as mentioned below:-

The proposal envisages construction of high rise residential building having ground floor + 1<sup>st</sup> to 5<sup>th</sup> parking floors + 6<sup>th</sup> floor as a stilt + service floor + 1<sup>st</sup> to 42<sup>nd</sup> upper residential floors Fire Check floor in between 9<sup>th</sup> & service floor and 25th & 26th floor with a total height of building 207.60 mt. from general ground level up to terrace level.

**MANDATORY CONDITIONS:**

1. Access roads to the site and roads on the site that will be required as per plan permanently should be minimum water bound macadam road and constructed before construction activities commence. This will help in reducing local dust emissions to a great extent. The road can be converted to a black top road once the construction activities are completed.
2. As the site is located in an developed urban area, it is essential to enclose the site using barriers, to reduce the noise and dust impacts on surrounding buildings and sites.

3. Jack hammers and other construction equipments tend to generate a lot of noise, it is therefore essential that noise protective equipments like ear muffs & ear plugs be provided to the operator of the machine. To reduce the noise from the equipment, silencer/ dampers should be attached to the equipment.
4. All Stationary machinery that create noise should be installed at points away from sensitive receptor area.
5. Noise prone activities should be restricted to the extent possible during night time, particularly during the period 6p.m. to 6.a.m.
6. During excavation and transportation over un-metalled roads near the project site, there is a scope for local dust emissions. Frequent water sprinkling in the vicinity of the construction activity should be done and it should be continued even after the completion of the excavation till construction is complete.
7. Excavation should be carried out in such a manner that it will not reduce slope stability. As much of the top soil and waste materials as possible should be used for landscaping and leveling activities in the surrounding area. As far as possible store the excavated soil ( the amount that would be required later for leveling and landscaping) on site, so that the soil can be reused during landscaping.
8. A basic surface drainage system for the site should be worked out to avoid water runoff on to the surrounding properties and roads, especially during the monsoon months.
9. If during excavation, water accumulates in the excavated areas, then it should be pumped out and disposed off either in the municipal storm water drain or into recharge soak pits of bore wells.
10. Load and unload trucks with construction material on site and not on surrounding roadside.
11. The responsibility to carryout the work as per submissions made to the Committee solely rests with the project proponents.
12. If the project attracts the provisions of the MOEF Notification under SO No.114(E) dt.19.2.1991 and recent Notification dt.6.1.2011 and Notification dtd.07-07-2004 & revised EIA Notification dtd.14.9.2006, the clearance in this respect shall be obtained and all the conditions mentioned therein shall be complied with.
13. The sanction from appropriate authority shall be obtained for proposed work wherever concessions are required for features beyond the stipulated limits in D.C.Regn.,1991, for deficiency in open spaces, etc. before approval of plans.
14. The conditions as stated in the NOC from CFO U/No.FBM/507/196 dt.29.10.2007, No.FMB/508/425 DT.5.1.2009, No.FB/HR/CITY/39 dt.22.4.2010, No.FB/HR/CITY/343 dt.18.11.2011 & No.FB/HR/CITY/119 dt.25.5.2012 and U/No.FB/HR/CITY/473 dtd.19.1.2013 shall be complied with. If the plans cleared by Committee, differ from the plans of CFO NOC, revised CFO NOC shall be submitted to the concerned Zonal Building Proposal Office.
15. That the NOC from Civil Aviation Authority for the height of the building under reference shall be obtained, if applicable, and all the conditions thereof shall be complied with.
16. The acceptance of proposal by High Rise Committee is not indicative of admissibility/approval of the proposal regarding D.C. Regulations,1991 other statutory compliances & the necessary building proposal shall be submitted to concerned Ex.Eng.(Bldg.Proposal) for requisite approval. The aspect such as permissible FSI applicable DC.Rules & policies in force shall

be verified by the concerned Executive Engineer (Building Proposal) before approval of plans.

17. The Technical Committee for High Rise Buildings, however, reserves right to alter/ modify/ augment fire safety related provisions as well as disaster management related provisions, on the basis of decision to be taken in the upcoming meetings.
18. That the permission is granted based on the documents submitted by the Architect and if at any time are found fake/ fraudulent, then the permission issued shall be treated as revoked/ cancelled without further notice.
19. After the clearance given by HRC for a proposed building, not further changes of any kind shall be effected without permission of the HRC (Technical Committee for High Rise Buildings). If any changes made in the proposal without obtaining clearance from HRC, earlier clearance given by the HRC shall be treated as revoked/ invalid.
20. **That the NOC from IMD shall be submitted before issue of any further permission in the proposal, if the proposal falls within 10 KM from Archana Building, Navy Nagar, Coloba where Doplar Radar is situated.**
21. That the aspect regarding approval/ final NOC to the 33(24) component, if any, and its respective permission shall be scrutinized by Dy.Ch.Eng.(B.P.) as per the prevailing policy and the sanction from respective HPC shall be obtained.
22. The necessary other permissions from various other Departments/ Committees/ Authorities shall be obtained as per requirements.

#### **Recommendatory Condition**

1. At the time of site clearance, care must be taken to minimize the need for cutting of trees and damage to the native vegetation.
2. Clearing of site area may involve removal/ transplantation of trees, underbrush, vines, fences, shades etc. All the unwanted vegetation then becomes solid waste that needs to be disposed off site. As this is organic matter, instead of disposing it offsite, the mater should be composed on site.
3. Phase out the site clearing process to only areas that need excavation initially this will reduce the dust emission from currently unused areas. If site has been cleared, vegetate the area by growing temporary groundcover plants or flower beds in the area. Alternatively cover the ground with a sheet, this sheet can be made out of empty cement bags, and the area then used to store materials, this will help reduce the dust emissions from these areas and provide a clean surface to store material on.
4. ~~To reduce dust emissions and erosions from slopes on the site, apply non toxic chemical soil stabilizers (Geotextiles) to the area.~~
5. The short term traffic management plan should be worked out to prevent unnecessary traffic problems. One measure to be incorporated is to avoid trucks during the morning and evening rush hours i.e. before 10.00 a.m. and after 5.00 p.m.
6. In cases where the construction of paved access or Water bound macadam road is not possible, frequent water sprinkling required to reduce local dust emissions.
7. Traffic speeds on unpaved roads should be reduced to 15 Km.ph. or less, and all the vehicles should have reverse horns.
8. On windy days avoid excavation activities to reduce dust emissions.

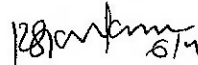


9. Prevent the excavated soil from spilling out of the site boundaries onto adjoining roads and properties.
10. Prevent other garbage waste such as construction debris, plastic material from mixing with the excavated soil that is being transported out of the site for dumping off site. This soil will be used for land filling and mixing of garbage with it can lead to soil contamination.
11. Water the site at least twice a day to reduce the dust emissions. Once during mid morning and once in the evening.
12. Soil stockpiled for more than two days shall be covered, kept moist or treated with soil binders to prevent dust generation. (A good cover sheet can be formed by stitching empty cement bags silt open to form a sheet).
13. Since, there is likelihood of fugitive dust form the construction activity, material handling and from the truck movement in the vicinity of the project site, project proponents should go for tree plantation programme along the approach roads and the construction campus.
14. Re-vegetate disturbed areas as early as possible.
15. As soon as construction is over, the surplus earth should be utilized to fill up low lying areas. The rubbish should be cleared and all un built surfaces reinstated.
16. Construct appropriate temporary housing structures for the labourers on the site with due approval from the competent authority. Houses should be provided with proper light and ventilation, and should be located at a safe location on the site.
17. Provisions should be made for providing them with potable, drinking water.
18. The construction site should be provided with sufficient and suitable toilet facilities for workers to allow proper standards of hygiene. These facilities would be connected to septic tank and maintained properly to ensure minimum environmental affect. Care should be taken not to route the sanitary effluents to the river or any other natural water body.
19. To prevent unauthorized falling of trees in the nearby undeveloped areas by construction workers for their fuel needs, it should be ensured that the contractor provides fuel to the construction workers.
20. Arrangements should be made for daycare and education to construction workers children. Certain NGO's working in this area can be associated with or alternatively one female worker can be paid to oversee the younger children and to prevent them from coming in harms way.
21. Solid waste generated from the labour camp as well as the construction site should be disposed off properly. Organic waste can be composted, and inorganic waste should be disposed in nearest municipal bins.
22. To sweep and clean adjacent roads of the site that get soiled due to the frequent movement of trucks to and fro from the site, at least once a day.
23. All outdoor lighting, including any construction related lighting should be designed, installed and operated in a manner that ensures that all direct rays from project lighting are contained within construction site and that residences are protected from spillover light and glare.
24. Parking for construction site workers should be provided on site to prevent clogging of surrounding roads.
25. Tea stalls if established for the site should be given space on site and not on access roads. This will prevent the gathering of labourers on the roads and obstruction of traffic.
26. Rotary piling method can be adopted for construction. of bored cast in site/ bored pre-cast piles. Preferably, M.S. liner can be provided upto hard stratum.

27. Preferable minimum grade concrete in sub structure foundation can be M-40 grade and use of anti corrosive treatment can be considered for M.S. reinforcements.
28. Ground Water in Mumbai is likely to be saline and further there is a possibility of sewage contamination in well water, as such, municipal water be used for construction.
29. Withdrawal of ground water should be restricted as it may cause sudden draw-down and subsidence of surrounding land/buildings.
30. The electric meters and substation in the buildings be located on higher level to prevent power failure during floods.

If your client is agreeable to the aforesaid terms and conditions, you may approach to the DY.CH.ENG.(B.P.)CITY, who is being informed separately regarding subject matter.

Yours faithfully,



Acc:- A Set of Plan + EMP Book

**Chief Engineer  
(Development Plan)  
Member Secretary,  
Technical Committee for  
High Rise Buildings**

K Raheja Corp

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
5301 SOUTH DICKENS STREET  
CHICAGO, ILLINOIS 60637  
TEL: 773-936-3700  
FAX: 773-936-3701  
WWW: WWW.CHEM.UCHICAGO.EDU



**MUNICIPAL CORPORATION OF GREATER MUMBAI**

No. CHE/HRB-807/DPWS 04 JUL 2019

OFFICE OF THE:-  
 Chief Engineer (Development Plan)  
 Brihanmumbai Mahanagarpalika,  
 Municipal Head Office, 5th Floor,  
 Annex Building, Mahapalika Marg,  
 Fort, Mumbai-400 001.

To,  
 ✓ **M/s.Kasturi Pewekar,**  
 Architect,  
 Plot No.C-30, Block 'G',  
 Opp.SIDBI, Bankdra Kurla Complex,  
 Bandra(E), Mumbai-400 051.

**Sub:-** Proposed High Rise Residential Building on land bearing C.S.Nos.1A/1629 & 2/1629, Plot Nos.248B, 249 & 249A of Worli Scheme No.52, Lower Parel Division, Mumbai, in G/S Ward (For Dev.:M/s.K.Raheja Pvt.Ltd.).

**Architect:** M/s.Kasturi Pewekar  
**Str.Con:** M/s.Sterling Engineering Consultancy Services Pvt.Ltd.

**Geotech.:Con.:** M/s.Geocon International Pvt.Ltd.

**Developer:** M/s.K.Raheja Pvt.Ltd.

**Ref:-** Your letter dtd.17.7.2018 & 25.4.2019.

Gentleman,

With reference to your above referred representation regarding subject matter, I have by direction to inform you that the High Rise Committee constituted by Hon'ble Municipal Commissioner under Regulation 19(3) of Development Control & Promotion Regulation 2034 has accepted your proposal for proposed High Rise Residential Building on land bearing C.S.Nos.1A/1629 & 2/1629, Plot Nos.248B, 249 & 249A of Worli Scheme No.52, Lower Parel Division, Mumbai, in G/S Ward (For Dev.:M/s.K.Raheja Pvt.Ltd.), as per the High Rise Committee meeting held on 27.4.2019, subject to the terms & conditions as mentioned below:-

The proposal envisages construction of proposed High Rise Residential Building having 2 level basements + ground floor + 1<sup>st</sup> to 5<sup>th</sup> parking floors + 6<sup>th</sup> floor as a silt + 1<sup>st</sup> to 45<sup>th</sup> upper residential floors (45 floors on front and rear side) + 6 service floors + 3 fire check floors with total height of **223.40 mt.** from the general ground level to the terrace level.

**MANDATORY CONDITIONS:**

1. Access roads to the site and roads on the site that will be required as per plan permanently should be minimum water bound macadam road and constructed before construction activities commence. This will help in reducing local dust emissions to a great extent. The road can be converted to a black top road once the construction activities are completed.

2. As the site is located in an developed urban area, it is essential to enclose the site using barriers, to reduce the noise and dust impacts on surrounding buildings and sites.
3. Jack hammers and other construction equipments tend to generate a lot of noise, it is therefore essential that noise protective equipments like ear muffs & ear plugs be provided to the operator of the machine. To reduce the noise from the equipment, silencer/ dampers should be attached to the equipment.
4. All Stationary machinery that create noise should be installed at points away from sensitive receptor area.
5. Noise prone activities should be restricted to the extent possible during night time, particularly during the period 6p.m. to 6.a.m.
6. During excavation and transportation over un-metalled roads near the project site, there is a scope for local dust emissions. Frequent water sprinkling in the vicinity of the construction activity should be done and it should be continued even after the completion of the excavation till construction is complete.
7. Excavation should be carried out in such a manner that it will not reduce slope stability. As much of the top soil and waste materials as possible should be used for landscaping and leveling activities in the surrounding area. As far as possible store the excavated soil (the amount that would be required later for leveling and landscaping) on site, so that the soil can be reused during landscaping.
8. A basic surface drainage system for the site should be worked out to avoid water runoff on to the surrounding properties and roads, especially during the monsoon months.
9. If during excavation, water accumulates in the excavated areas, then it should be pumped out and disposed off either in the municipal storm water drain or into recharge soak pits or bore wells.
10. Load and unload trucks with construction material on site and not on surrounding roadside.
11. The responsibility to carry out the work as per submissions made to the Committee solely rests with the project proponents.
12. If the project attracts the provisions of the MOEF Notification under SO No.114(E) dt.19.2.1991 and recent Notification dt.6.1.2011 and Notification dtd.07-07-2004 & revised EIA Notification dtd.14.9.2006, the clearance in this respect shall be obtained and all the conditions mentioned therein shall be complied with.
13. The approval of High Rise Committee is for the proposed high rise building having total height of **225.40 mt.** from general ground level up to terrace level, subject to obtaining sanction from Competent Authority as per various provisions of D.C.P.R.2034 amended up to date, such as deficiency in open spaces, CFO requirement, parking requirement, Civil Aviation NOC, if any, etc.
14. The conditions as stated in the NOC from C.F.O. No.FBM/507/196 dtd.29.10.2007, FBM/508/425 dtd.5.1.2009, FB/HRC/CITY/39 dtd.22.4.2010, FB/HR/CITY/343 dtd.18.11.2011, FB/HR/CITY/119 dtd.25.5.2012, FB/HR/CITY/473 dtd.19.1.2013 and U/No.FB/HRC/R-II/22 dtd.27.10.2016 shall be complied with. If the plans cleared by

Committee, differ from the plans of CFO NOC, revised CFO NOC shall be submitted to the concerned Zonal Building Proposal Office.

15. That the NOC from Civil Aviation Authority for the height of the building under reference shall be obtained, if applicable, and all the conditions thereof shall be complied with.
16. The acceptance of proposal by High Rise Committee is not indicative of admissibility/approval of the proposal regarding D.C.P. Regulations 2034 other statutory compliances & the necessary building proposal shall be submitted to concerned Ex.Eng.(Bldg.Proposal) for requisite approval. The aspect such as permissible FSI applicable DC.Rules & policies in force shall be verified by the concerned Executive Engineer (Building Proposal) before approval of plans.
17. The Technical Committee for High Rise Buildings, however, reserves right to alter/ modify/ augment fire safety related provisions as well as disaster management related provisions, on the basis of decision to be taken in the upcoming meetings.
18. That the permission is granted based on the documents submitted by the Architect and if at any time are found fake/ fraudulent, then the permission issued shall be treated as revoked/ cancelled without further notice.
19. After the clearance given by HRC for a proposed building, not further changes of any kind shall be effected without permission of the HRC (Technical Committee for High Rise Buildings). If any changes made in the proposal without obtaining clearance from HRC, earlier clearance given by the HRC shall be treated as revoked/ invalid.
20. That the aspect regarding approval/ final NOC to the 33(24) component, if any, and its respective permission shall be scrutinized by Dy.Ch.Eng.(B.P.) as per the prevailing policy and the sanction from respective HPC shall be obtained.
21. The necessary other permissions from various other Departments/ Committees/ Authorities shall be obtained as per requirements.

**Recommendatory Condition**

1. At the time of site clearance, care must be taken to minimize the need for cutting of trees and damage to the native vegetation.
2. Clearing of site area may involve removal/ transplantation of trees, underbrush, vines, fences, shades etc. All the unwanted vegetation then becomes solid waste that needs to be disposed off site. As this is organic matter, instead of disposing it offsite, the mater should be composed on site.
3. Phase out the site clearing process to only areas that need excavation initially this will reduce the dust emission from currently unused areas. If site has been cleared, vegetate the area by growing temporary groundcover plants or flower beds in the area. Alternatively cover the ground with a sheet, this sheet can be made out of empty cement bags, and the area then used to store materials, this will help reduce the dust emissions from these areas and provide a clean surface to store material on.
4. To reduce dust emissions and erosions from slopes on the site, apply non toxic chemical soil stabilizers (Geotextiles) to the area.




5. The short term traffic management plan should be worked out to prevent unnecessary traffic problems. One measure to be incorporated is to avoid trucks during the morning and evening rush hours i.e. before 10.00 a.m. and after 5.00 p.m.
6. In cases where the construction of paved access or Water bound macadam road is not possible, frequent water sprinkling required to reduce local dust emissions.
7. Traffic speeds on unpaved roads should be reduced to 15 Km.ph. or less, and all the vehicles should have reverse horns.
8. On windy days avoid excavation activities to reduce dust emissions.
9. Prevent the excavated soil from spilling out of the site boundaries onto adjoining roads and properties.
10. Prevent other garbage waste such as construction debris, plastic material from mixing with the excavated soil that is being transported out of the site for dumping off site. This soil will be used for land filling and mixing of garbage with it can lead to soil contamination.
11. Water the site at least twice a day to reduce the dust emissions. Once during mid morning and once in the evening.
12. Soil stockpiled for more than two days shall be covered, kept moist or treated with soil binders to prevent dust generation. (A good cover sheet can be formed by stitching empty cement bags silt open to form a sheet).
13. Since, there is likelihood of fugitive dust form the construction activity, material handling and from the truck movement in the vicinity of the project site, project proponents should go for tree plantation programme along the approach roads and the construction campus.
14. Re-vegetate disturbed areas as early as possible.
15. As soon as construction is over, the surplus earth should be utilized to fill up low lying areas. The rubbish should be cleared and all un built surfaces reinstated.
16. Construct appropriate temporary housing structures for the labourers on the site with due approval from the competent authority. Houses should be provided with proper light and ventilation, and should be located at a safe location on the site.
17. Provisions should be made for providing them with potable, drinking water.
18. The construction site should be provided with sufficient and suitable toilet facilities for workers to allow proper standards of hygiene. These facilities would be connected to septic tank and maintained properly to ensure minimum environmental affect. Care should be taken not to route the sanitary effluents to the river or any other natural water body.
19. To prevent unauthorized falling of trees in the nearby undeveloped areas by construction workers for their fuel needs, it should be ensured that the contractor provides fuel to the construction workers.
20. Arrangements should be made for daycare and education to construction workers children. Certain NGO's working in this area can be associated

- with or alternatively one female worker can be paid to oversee the younger children and to prevent them from coming in harms way.
21. Solid waste generated from the labour camp as well as the construction site should be disposed off properly. Organic waste can be composted, and inorganic waste should be disposed in nearest municipal bins.
  22. To sweep and clean adjacent roads of the site that get soiled due to the frequent movement of trucks to and fro from the site, at least once a day.
  23. All outdoor lighting, including any construction related lighting should be designed, installed and operated in a manner that ensures that all direct rays from project lighting are contained within construction site and that residences are protected from spillover light and glare.
  24. Parking for construction site workers should be provided on site to prevent clogging of surrounding roads.
  25. Tea stalls if established for the site should be given space on site and not on access roads. This will prevent the gathering of labourers on the roads and obstruction of traffic.
  26. Rotary piling method can be adopted for construction of bored cast in site/ bored pre-cast piles. Preferably, M.S. liner can be provided upto hard stratum.
  27. Preferable minimum grade concrete in sub structure foundation can be M-40 grade and use of anti corrosive treatment can be considered for M.S. reinforcements.
  28. Ground Water in Mumbai is likely to be saline and further there is a possibility of sewage contamination in well water, as such, municipal water be used for construction.
  29. Withdrawal of ground water should be restricted as it may cause sudden draw-down and subsidence of surrounding land/buildings.
  30. The electric meters and substation in the buildings be located on higher level to prevent power failure during floods.
  31. The earlier HRC NOCs issued vide letter U/No.CHE/HRB-226/DPWS dtd.8.3.2013 & U/No.CHE/HRB-678/DPWS dtd.8.3.2017 are treated as cancelled.

If your client is agreeable to the aforesaid terms and conditions, you may approach to the DY.CH.ENG.(B.P.)CITY, who is being informed separately regarding subject matter.

Yours faithfully,

 03/07/19

(R.B. Zope)

**Chief Engineer  
(Development Plan)**

Acc:- A Set of Plan







भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

AAI/20012//447/2006 -ARI (NOC)

Dt. 11<sup>th</sup> Oct., 2013

To

M/s. K. Raheja Private Ltd.,  
Plot No. C-30, Block 'G',  
Next to Bank of Baroda,  
Bandra Kurla Complex,  
Bandra (East),  
Mumbai - 400 051.

**Subject: Revalidation of NOC - Case No. MUM/317-K.**

Sir,

Please refer to letter No. NIL dated 23<sup>rd</sup> July, 2013 through your authorized representative and letter dated 3<sup>rd</sup> September, 2013 from M/s. K. Raheja Private Limited on the above mentioned subject for revalidation of the NOC issued by this office.

The NOC issued by this office vide letter of even number dated 22<sup>nd</sup> August, 2008 for construction of residential building by M/s. K. Raheja Pvt. Ltd. at Mumbai is hereby extended for another three years, i.e., upto 21<sup>st</sup> August, 2016 under same terms and conditions as mentioned in the NOC.

This issues with the approval of the Competent Authority.

Yours faithfully,

( Jeet Prakash )

ASST. GENERAL MANAGER (ATC-NOC)  
for GENERAL MANAGER (ATM-NOC)

Copy to

1. The Regional Executive Director, Western Region, Airports Authority of India, CSI Airport, Mumbai - 99.
2. Mumbai International Airport Ltd. (MIAL), CSI Airport, 1<sup>st</sup> Floor, Terminal 1B, Santacruz (E), Mumbai - 400 099
3. Guard File.
4. GM\_NOC Bundle.

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES

PHYSICS DEPARTMENT

PHYSICS 321

PROBLEM SET 1

Due: 10/10/2019

1. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . Find the energy levels.

2. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4$ . Find the energy levels.

3. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6$ . Find the energy levels.

4. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8$ . Find the energy levels.

5. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10}$ . Find the energy levels.

**FORM FOR FILING ANNUAL RETURNS**

[To be submitted by producer/manufacturer/refurbisher/dismantler/recycler/bulk consumer by 30th day of June following the financial year to which that return relates]

**Submitted For**

April 2022-March 2023

**Apply As**

Bulk Consumer

**1. Name of the Bulk Consumer**

M/s K Raheja Pvt. Ltd.

**Address of the Bulk Consumer /recycler**

CS No 2/1629&1A/1629 Of Lower Parel div, Plot No. 249&249A,248B of Worli estate Sch. No 52,Mumbai

**2. Name of the authorised person**

Mr. Vaibhav Samarth (General Manager - Engineering)

**Full address of authorised person**

CS No 2/1629&1A/1629 Of Lower Parel div, Plot No. 249&249A,248B of Worli estate Sch. No 52,Mumbai

**Telephone**

09167779454

**Email**

vsamarth@kraheja.com

**Fax**

022 26564560

**3. BULK CONSUMERS:****Type**

NA

**Quantity(MT)**

0

**4. Name of the destination where E-waste is channelized**

Not Applicable

**Address of the destination where E-waste is channelized**

Not Applicable

**Place**

Mumbai

**Date**

Jun 15, 2023



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the specific procedures and protocols that must be followed when recording transactions. This includes details on how to categorize expenses, how to handle receipts, and the frequency of reporting.

3. The third part of the document addresses the role of the finance department in overseeing the recording process. It highlights the need for regular audits and reviews to ensure that all records are accurate and up-to-date.

4. The fourth part of the document discusses the importance of training and education for all employees involved in the recording process. It stresses that everyone must understand their responsibilities and the correct procedures to follow.

5. The fifth part of the document concludes by reiterating the overall goal of the document: to ensure that the organization's financial records are accurate, complete, and reliable. It encourages all employees to take their responsibilities seriously and to work together to achieve this goal.

6. The sixth part of the document provides a summary of the key points discussed in the previous sections. It serves as a quick reference for employees who need to recall the main requirements and procedures.

7. The seventh part of the document includes a list of resources and contacts for further information. This includes the names and titles of key personnel, as well as the locations of relevant documents and systems.

8. The eighth part of the document provides a final reminder of the importance of compliance with these procedures. It states that failure to follow these guidelines could result in disciplinary action and could harm the organization's reputation.

9. The ninth part of the document includes a section for employee feedback. It encourages employees to provide their input and suggestions for improving the recording process, as this will help the organization to become more efficient and effective.

10. The tenth part of the document is a closing statement that expresses the organization's commitment to transparency and accountability. It states that the organization is dedicated to providing accurate and reliable financial information to all stakeholders.

11. The eleventh part of the document includes a section for the employee's signature and date. This is a required step for all employees who are responsible for recording transactions and activities.

12. The twelfth part of the document is a final note that thanks the employee for their cooperation and commitment. It states that the organization is grateful for their contribution to the success of the recording process.

13. The thirteenth part of the document is a final reminder of the importance of these procedures. It states that the organization's success depends on the accuracy and reliability of its financial records, and that every employee has a role to play in ensuring this.

**MUNICIPAL CORPORATION OF GREATER MUMBAI****EB/1105/GS/A** dt. 24/03/16

To,  
 Ms. Kasturi Pewekar,  
 Raheja Tower,  
 Plot No. C-30, 'G' Block,  
 Opp. SIDBI, Near Bank of Baroda  
 Bandra Kurla Complex,  
 Bandra (E), Mumbai: 400051

Ex. Eng. Bldg., Proposal (City)-I  
 New Municipal Building, C. S. No. 355 B,  
 Bhagwan Waimbi Chowk, Vidyalankar Marg,  
 Opp. Hanuman Mandir,  
 Salt Pan Road, Antophill, Wadala (East)  
 Mumbai 400 037

Sub: Proposed residential building with Public parking lot on plot bearing C.S.No.2/1629 of Lower Parel Division, Plot No. 249, 249-A of Worli Scheme No.52, G/S Ward, Mumbai.

Ref: Previous Architect Shri Sambaprasad Pinge's letter dated 10/03/2015 and 21/09/2015.

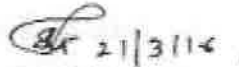
Sir,

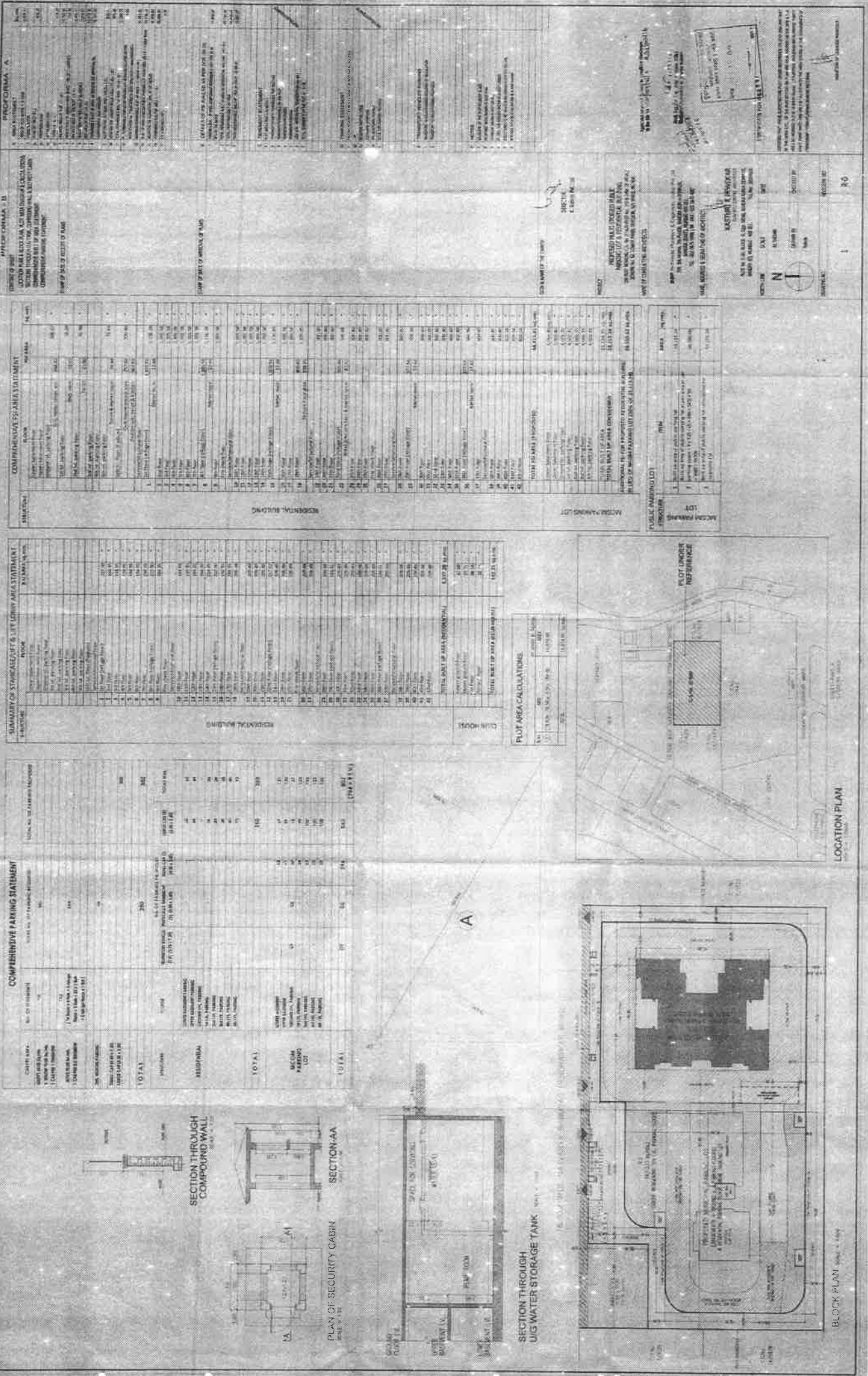
With reference to above letter this is to inform you that the amended plans submitted are hereby approved subject to following conditions:

- 1) That all the conditions of I.O.D. under even No. dated 03/08/2005 and amended plans approval letter dated 14/05/2012, 01/03/2013 and 30/12/2013 shall be complied with.
- 2) That the revised structural design / calculations / details / drawings shall be submitted before endorsement of C.C. as per amended plans.
- 3) That payment towards following shall be made before asking for C.C.
  - a. Development charges.
  - b. Extra Water / Sewerage charges at A.E.W.W., G/South Ward Office.
  - c. Premium towards staircase, lift, lift lobby area.
  - d. Fungible F.S.I. premium.
  - e. Labour Welfare Cess.
- 4) That the revised N.O.C. from Asstt. Commissioner (Estates) shall be submitted before endorsement of C.C.
- 5) That the C.C. shall be got endorsed as per the amended plan.
- 6) That the work shall be carried out strictly as per approved plan.
- 7) That the registered undertaking stating that the service floor will not misused shall be submitted before endorsement of C.C.

- 8) That the Regd. Undertaking stating that excess parking proposed that permissible parking as per D.C.R. will be handed over to M.C.G.M. If plan with full potential are not submitted and got approved from this office shall be submitted before endorsement of C.C.
- 9) That the revised N.O.C. from M.O.E.F. shall be submitted before requesting for C.C. above 37<sup>th</sup> residential floor.
- 10) That the registered Undertaking stating that the Cafeteria with toilet block, meeting room, ATM, provision store on ground floor and Cafeteria with toilet block, auditorium on stilt floor will be for residents of building and higher height will not be misused shall be submitted before requesting for endorsement of C.C.
- 11) That the revised NOC from Ex.Eng. (M&E) for artificial lift and ventilation in living room and for of the toilet block shall be submitted before endorsement of C.C.

A copy of set of amended plans duly stamped / signed is hereby returned as a token of approval.

  
Executive Engineer  
Building Proposals (City)-I



**PROGRAMMA**

NO.	DESCRIPTION	DATE
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...

**APPENDIX A - II**

LOCATION FOR SECURITY CABIN AND UG WATER STORAGE TANK

COMPREHENSIVE PARKING STATEMENT

NO.	DESCRIPTION	AREA (sq. m)
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	...
21	...	...
22	...	...
23	...	...
24	...	...
25	...	...
26	...	...
27	...	...
28	...	...
29	...	...
30	...	...
31	...	...
32	...	...
33	...	...
34	...	...
35	...	...
36	...	...
37	...	...
38	...	...
39	...	...
40	...	...
41	...	...
42	...	...
43	...	...
44	...	...
45	...	...
46	...	...
47	...	...
48	...	...
49	...	...
50	...	...
51	...	...
52	...	...
53	...	...
54	...	...
55	...	...
56	...	...
57	...	...
58	...	...
59	...	...
60	...	...
61	...	...
62	...	...
63	...	...
64	...	...
65	...	...
66	...	...
67	...	...
68	...	...
69	...	...
70	...	...
71	...	...
72	...	...
73	...	...
74	...	...
75	...	...
76	...	...
77	...	...
78	...	...
79	...	...
80	...	...
81	...	...
82	...	...
83	...	...
84	...	...
85	...	...
86	...	...
87	...	...
88	...	...
89	...	...
90	...	...
91	...	...
92	...	...
93	...	...
94	...	...
95	...	...
96	...	...
97	...	...
98	...	...
99	...	...
100	...	...

**COMPREHENSIVE PARKING STATEMENT**

NO.	DESCRIPTION	AREA (sq. m)
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	...
21	...	...
22	...	...
23	...	...
24	...	...
25	...	...
26	...	...
27	...	...
28	...	...
29	...	...
30	...	...
31	...	...
32	...	...
33	...	...
34	...	...
35	...	...
36	...	...
37	...	...
38	...	...
39	...	...
40	...	...
41	...	...
42	...	...
43	...	...
44	...	...
45	...	...
46	...	...
47	...	...
48	...	...
49	...	...
50	...	...
51	...	...
52	...	...
53	...	...
54	...	...
55	...	...
56	...	...
57	...	...
58	...	...
59	...	...
60	...	...
61	...	...
62	...	...
63	...	...
64	...	...
65	...	...
66	...	...
67	...	...
68	...	...
69	...	...
70	...	...
71	...	...
72	...	...
73	...	...
74	...	...
75	...	...
76	...	...
77	...	...
78	...	...
79	...	...
80	...	...
81	...	...
82	...	...
83	...	...
84	...	...
85	...	...
86	...	...
87	...	...
88	...	...
89	...	...
90	...	...
91	...	...
92	...	...
93	...	...
94	...	...
95	...	...
96	...	...
97	...	...
98	...	...
99	...	...
100	...	...

**COMPREHENSIVE EXPLANATION STATEMENT**

NO.	DESCRIPTION	AREA (sq. m)
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	...
21	...	...
22	...	...
23	...	...
24	...	...
25	...	...
26	...	...
27	...	...
28	...	...
29	...	...
30	...	...
31	...	...
32	...	...
33	...	...
34	...	...
35	...	...
36	...	...
37	...	...
38	...	...
39	...	...
40	...	...
41	...	...
42	...	...
43	...	...
44	...	...
45	...	...
46	...	...
47	...	...
48	...	...
49	...	...
50	...	...
51	...	...
52	...	...
53	...	...
54	...	...
55	...	...
56	...	...
57	...	...
58	...	...
59	...	...
60	...	...
61	...	...
62	...	...
63	...	...
64	...	...
65	...	...
66	...	...
67	...	...
68	...	...
69	...	...
70	...	...
71	...	...
72	...	...
73	...	...
74	...	...
75	...	...
76	...	...
77	...	...
78	...	...
79	...	...
80	...	...
81	...	...
82	...	...
83	...	...
84	...	...
85	...	...
86	...	...
87	...	...
88	...	...
89	...	...
90	...	...
91	...	...
92	...	...
93	...	...
94	...	...
95	...	...
96	...	...
97	...	...
98	...	...
99	...	...
100	...	...

**PLANNING STATEMENT**

**RESIDENTIAL BUILDING**

**MEDIUM PARKING LOT**

**PUBLIC PARKING LOT**

**LOT**

**AREA CALCULATIONS**

NO.	DESCRIPTION	AREA (sq. m)
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	...
21	...	...
22	...	...
23	...	...
24	...	...
25	...	...
26	...	...
27	...	...
28	...	...
29	...	...
30	...	...
31	...	...
32	...	...
33	...	...
34	...	...
35	...	...
36	...	...
37	...	...
38	...	...
39	...	...
40	...	...
41	...	...
42	...	...
43	...	...
44	...	...
45	...	...
46	...	...
47	...	...
48	...	...
49	...	...
50	...	...
51	...	...
52	...	...
53	...	...
54	...	...
55	...	...
56	...	...
57	...	...
58	...	...
59	...	...
60	...	...
61	...	...
62	...	...
63	...	...
64	...	...
65	...	...
66	...	...
67	...	...
68	...	...
69	...	...
70	...	...
71	...	...
72	...	...
73	...	...
74	...	...
75	...	...
76	...	...
77	...	...
78	...	...
79	...	...
80	...	...
81	...	...
82	...	...
83	...	...
84	...	...
85	...	...
86	...	...
87	...	...
88	...	...
89	...	...
90	...	...
91	...	...
92	...	...
93	...	...
94	...	...
95	...	...
96	...	...
97	...	...
98	...	...
99	...	...
100	...	...

**RESIDENTIAL BUILDING**

**MEDIUM PARKING LOT**

**PUBLIC PARKING LOT**

**LOT**

**AREA CALCULATIONS**

NO.	DESCRIPTION	AREA (sq. m)
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	





# MAHARASHTRA POLLUTION CONTROL BOARD

☎ 24010437/4701/24020781  
24037124/5273  
FAX: 24024068  
Visit us on:  
<http://mpcb.mah.nic.in>



Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> Floor,  
Sion Matunga Scheme Road No.8,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (East),  
Mumbai-400 022.

MB/2  
14469  
4/11/06

ORANGE/LSI

Date: 28/09/2006.

Consent No. BO/RO (P&amp;P)/ 648

Consent to Establish is granted to

**M/s. K. Raheja Pvt. Ltd.,**  
"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.

located in the area declared under the provisions of Water Act (P&CP) 1974, Air Act (P&CP), 1981 and Authorization under the provisions of H.W (M & H) Rules and amendments thereto subject to the provisions of the Acts and the Rules and the Orders that may be made further and subject to the following terms and conditions :-

1. The Consent to Establish is issued to **M/s. K. Raheja Pvt. Ltd.,**

"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.

- For development of land/plot as new construction activities named as M/s. K. Raheja Pvt. Ltd., "Metal Box", CTS No. 2/1629 of Lower Parel Division, Plot No. 249, 249A of Worli Scheme No.52G/South Ward, Mumbai on **14638.91 sq mtrs** including utilities and services such as residential **128 no. of flats** etc. as per construction commencement certificate issued by local body.

2. **CONDITION UNDER WATER ACT :-**

- (i) The daily quantity of (a) sewage effluent from above construction project including (b) waste water from swimming tank/water sports shall not exceed **102.7** cubic meters per day
- (ii) **Sewage Effluent Treatment** : The Applicant shall provide a comprehensive sewage treatment plant as is warranted with reference to influent quality and corresponding mode of disposal and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards:-

PARAMETERS	Limit	Standards for sub-streams		
		(A)	(B)	Unit
pH	In between	5.5 to 9	7 to 8.5	
Suspended Solids	Not to exceed	100	10	mg/l
B.O.D. 3 days 27 C	Not to exceed	30	10	mg/l
Oil & Grease	Not to exceed	10	NIL	mg/l
Dissolved Phosphates (as P)	Not to exceed	5	5	mg/l
Dissolved Oxygen	Not less than	5	5	mg/l
R. Chlorine	Not to exceed	0.1	0.1	Mg/l.

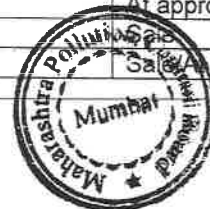
(iii) **Sewage effluent Disposal:-**

Domestic treated effluent shall be disposed of on land for gardening/ irrigation/ lawns/ tree-plantations within own premises. Excess treated sewage effluent shall be disposed into to under ground drainage scheme provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time.

(iv) **Non-Hazardous Solid Waste:-**

The total quantity shall not exceed **320** Kg per day and shall be segregated and treated as follows:-

Sr No.	Type of Segregated solid waste	Quantity Kg/day	Treatment	Disposal
1	Organic	192	In vessel Composting at site only	Self-use
2	Inert	118	Segregation	At approved landfill
3	Paper Packing		Segregation	Sale
4	Rubber		Segregation	At approved landfill
5	Glass		Segregation	At approved landfill
6	Miscellaneous (STP Sludge)	10	Segregation	Sale/ approved landfill



**3. Other Conditions:-**

1. ~~All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (18 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), CRZ notification, and special notifications published for Dahanu, Murud Jangira, Matheran and Mahableswar area wherever applicable and all the Environmental Statutes and Instruments.~~
2. This Consent to Establish is issued only for Developing Construction Project purposes.
3. No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
4. There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
5. Extraction of Groundwater for the residential complex shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable;
6. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
7. In order to ensure that the water from this residential complex do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body. This management shall be such as also to help in excluding the external pollutants degrading the internal environment of residential complex.
8. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handing over of complex for occupation.
9. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting with the approval of local body and the inorganic material shall be disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered land fill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
10. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent
11. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
12. The applicant, during the construction stage shall provide.
  - i) Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
  - j) Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
  - k) Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
  - l) Green belt of 33% of the open space shall be developed excluding lawns.
4. The Applicant shall comply with all the provisions of, the Water (Prevention and Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules as Amended, 2003 and Rules there under :-  
The daily water consumption for the following categories shall not exceed, as under
 

(i) Domestic	From ULB (In CMD)	From other sources (In CMD)
a) During construction stage	-----	70
b) After completion	156	-----
c) For Fire Fighting (make up water)	-----	-----

The Applicant shall regularly submit to the Board, the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.



### 5. CONDITIONS UNDER AIR ACT :-

The Applicant may install ----- numbers of diesel generating sets (DG Sets), of capacity -----, and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:-

#### (i) Standards for emissions of air Pollutants

i)	SPM/TPM	Not to Exceed	150	mg/Nm <sup>3</sup>
ii)	SO <sub>2</sub>	Not to Exceed	50	PPM
iii)	NO <sub>x</sub>	Not to Exceed	60	PPM
iv)	SO <sub>2</sub> (D.G.Set)	Not to Exceed	48	Kg/8 Hrs.

#### (ii) The Applicant shall observe the following fuel patterns

No.	Type of Fuel	Quantity
1	---	---

#### (iii) The Applicant shall erect the Chimney (s) of the following specifications

No.	Chimney attached to	Height above roof level
1.	---	---

- The Applicant shall provide ports in the chimney and facilities such as ladder, platform etc for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's staff. The chimneys shall be numbered as S-1, S-2 etc and these shall be painted/ displayed to facilitate identification.
- Water spraying shall be done on ground to avoid fugitive emissions.
- Construction material shall be carried in enclosed vehicles during construction activities.

#### (iv) Conditions for DG Sets :-

- Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
- Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall be designed for minimum 25 dB(A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB(A) shall also be provided. The measurement of insertion loss shall be done at different points at 0.5 meters from acoustic enclosure/ room and then average.
- The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG set manufacturer;
- A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.
- The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
- The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
- In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

#### (v) Conditions For Utilities like Kitchen, Eating Places etc., :-

- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such way that no nuisance is caused to neighbors.
- The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned as between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.
  - Construction equipments generating noise of less than 65/90 db(A) are permitted.
  - No construction work is permitted during night time.





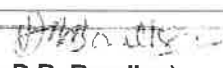
:4:

**6. CONDITIONS UNDER HW (M & H) & AMENDMENT RULES 2003**

The Applicant shall not generate or handle any hazardous waste.

- ~~7. The proposed activity comes under Entry 31 (New Construction Project) listed in schedule I of the EIA Notification dated January 27, 1994 (as amended till date) issued by Ministry of Environment & Forest, Govt. of India, New Delhi and therefore, Environmental Clearance from Govt. of India (MoEF) shall be required as per conditions in the amended EIA Notification dated July 07, 2004.~~
8. The applicant shall certify that the bricks used in construction are manufactured using the ash from Thermal Power stations if it is within a radius of 100 km. from Thermal Power Plant and submit the names of bricks manufacturer.
9. This "Consent to Establish" is issued subject to the planning permission and permission for non-agricultural (N.A.) use from the Competent Authority.
10. The applicant shall obtain Environmental Clearance from MoEF, GOI before taking any steps to develop/start construction the site.
11. The applicant shall not-handover the residential complex unless obtain Consent to Operate/NOC from Maharashtra Pollution Control Board and compliance of Environment Clearance granted by MoEF Government of India.
12. The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented and follow due diligence at the construction stage.
13. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant;
14. This consent is issued with the post facto approval of the consent appraisal committee.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. D.B. Boralkar)  
Member Secretary

To  
M/s. K. Raheja Pvt. Ltd.,  
"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.



Copy forwarded with compliments to

1. The Collector, Mumbai (City).

Copy to

1. Regional Officer, MPCB, Mumbai.  
2. Sub Regional Officer, MPCB, Mumbai-I.  
3. Chief Accounts Officer, MPCB, Mumbai

Received consent fee of

Amount	DD No.	Date	Drawn on
Rs. 1,01,690/-	096039	14.07.2006	UTI Bank

4. Cess Branch, MPCB, Mumbai.  
5. Master file.  
6. EIC, M.P.C.Board, Mumbai.

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 022-22640345

Fax : 022-22640345

Email : [sromumbai1@mpcb.gov.in](mailto:sromumbai1@mpcb.gov.in)

Visit At : <http://mpcb.gov.in>

Shri Chhatrapati Shivaji Maharaj Municipal Market  
Building 4th floor, Mata Ramabai Ambedkar Road  
Mumbai - 400 101



EIC No. MU-3025/11  
Infrastructure/Orange/L.S.I

Consent No. BO/RO(HQ)/CO/CAC- 323

Date: 28 Feb/2012

Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

CONSENT is hereby granted to

M/s. K. Raheja Pvt. Ltd.  
C.S. No. 2/1629, Plot No. 249 &  
249A of Worli Scheme No. 52,  
Lower Parel Division, G/S Ward,  
Worli, Mumbai

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Establish is valid up to Commissioning of the Project or 5 years whichever is earlier.

For development of land/plot as new construction activities for construction of project on total plot area of 14,638.91 Sq mtrs and total Built up area as per FSI 29,435.93 Sq mtrs, total construction area of 1,20,129.17 Sq mtrs including utilities and services such as per construction commencement certificate issued by local body.

2. The Consent is valid -

Sr. No.	Product Name	Built Up area	Total Construction area	UOM
1	Residential Building	29,435.93	86839.67	Sq. mtrs.
2	MCGM Car Parking	---	33,289.50	Sq. mtrs.
Total			1,20,129.17	Sq. mtrs.

3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall be Nil.
- The daily quantity of sewage effluent from the factory shall not exceed 88.20 M<sup>3</sup>.



- (iii) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

1	pH	Not to exceed	6.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
5	Fecal Coliform	Not to exceed	500/100/1 mg/l.
6	Residual Chlorine	Not to exceed	01 mg/l.
7	Detergent	Not to exceed	01 mg/l.
8	Floating matters	Not to exceed	10 mg/l.

- (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be 80% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. In no case, effluent shall find its way to any water body directly/indirectly at any time.

Project proponent shall operate STP for five years from the date of obtaining Occupation Certificate.

- (vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Municipal Solid Waste	229.5	Kg/Day	Segregation	Local Body
2	Non Biodegradable				
3	STP sludge	--	Kg/M	-	used as manure

- (viii) **Other Conditions (during Construction Phase):**

- All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), and special notification published for area wherever applicable and all the Environmental Statutes and Instruments.
- This Consent to Establish is issued only for New Construction/Developing Construction Project purposes.
- No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
- There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
- Extraction of Groundwater for the project shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable.
- Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
- In order to ensure that the water from this project do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body.



8. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handing over of complex for occupation.
9. Applicant shall provide fixtures for showers, toilet, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
10. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting (i.e vermi-composting facility within premises) with the approval of local body. The proper demarked area shall be identified for collection & storage of MSW properly which, shall be finally disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered landfill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
11. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
12. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
13. For disinfections of waste water ultra violet radiation shall be used in place of chlorination.
14. Vehicles hired for construction activities should be operated only during non peak hours.
15. Ready mixed concrete used in building construction should apply separately for consent from the Board.
16. applicant, during the construction stage shall provide
  - a. Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
  - b. Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
  - c. Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
  - d. Green belt of 33% of the open space shall be developed.
17. E-Waste shall be disposed to authorized re processor.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i) Domestic	120.50 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	0.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	0.00 CMD
(iv) Industrial Cooling, spraying	0.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.





**5. CONDITIONS UNDER AIR (Prevention & Control of Pollution) ACT, 1981:**

(i) The Applicant may install 3 nos. of diesel generating sets (DG Sets) of capacity 1010 x 2 KVA, 200 KVA, and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**a. for Emissions of Air Pollutants:**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub> (DG Set)	Not to exceed	2.0 Kg/day

(ii) The following measures shall be taken:

- a. Adequate mitigation measures shall be taken to control emissions of SO<sub>2</sub>, NO<sub>x</sub>, SPM, and RSPM.
- b. Applicant shall achieve following Ambient Air Quality standards.

1.	SPM Not to Exceed (Annual Average)	110	µg/ m <sup>3</sup>
	Not to Exceed (24 hours)	200	µg/ m <sup>3</sup>
2.	SO <sub>2</sub> Not to Exceed (Annual Average)	60	µg/ m <sup>3</sup>
	Not to Exceed (24 hours)	80	µg/ m <sup>3</sup>
3.	NO <sub>x</sub> Not to Exceed (Annual Average)	60	µg/ m <sup>3</sup>
	Not to Exceed (24 hours)	80	µg/ m <sup>3</sup>
4.	RSPM Not to Exceed (Annual Average)	60	µg/ m <sup>3</sup>
	Not to Exceed (24 hours)	100	µg/ m <sup>3</sup>

(iii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	205	Ltrs./day

(iv) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G. Set	2.2

(v) Conditions for D.G. Set

1. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
2. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
3. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night.



- time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
4. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  5. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  6. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  7. D.G. Set shall be operated only in case of power failure.
  8. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

**(vi) Other Condition**

- a). The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- b) Water spraying shall be done on ground to avoid fugitive emissions.
- c) Construction material shall be carried in enclosed vehicles during construction activities.

**(vii) Conditions for Utilities like Kitchen, Eating Places etc:**

1. The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
2. The toilet shall be provided with exhaust system connected to chimney through ducting.
3. The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
4. The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such way that no nuisance is caused to neighbors.

(viii) The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Daytime is reckoned as between 6 a.m. to 10 p.m. and Nighttime is reckoned between 10 p.m. to 6 a.m.

(ix) Construction equipments generating noise of less than 65/90 db(A) are permitted.

(x) No construction work is permitted during night time.

**6. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**


- (i) The Industry shall not generate any hazardous waste.
7. The applicant shall certify that the bricks used in construction are manufactured using the ash from Thermal Power stations if it is within a radius of 100 km. from Thermal Power Plant and submit the names of bricks manufacturer. The applicant shall use fly ash based material/products as



per the provisions of fly ash Notification of 14.09.1999 and as amended on 27.08.2003.

8. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.
9. The applicant shall adopt environment friendly technology in development of the project.
10. The applicant shall comply with the conditions stipulated in the Environmental Clearance granted by Env. Dept. Govt. Of Maharashtra, vide No.SEAC-2010/CR.323/TC.2 dt. 22/07/2011.
11. The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented and follow due diligence at the construction stage.
12. Energy conservation measures like installation of solar panels for lighting the area outside the building should be integrated part of the project design.
13. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
14. This consent shall not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
15. The applicant shall submit a Bank Guarantee of Rs.10,00,000/- (Rupees ten lacs only) within 15 days for compliance of the consent conditions.
16. This is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 14<sup>th</sup> February 2012
17. The Capital investment of the industry is Rs. 56500 Lacs.



  
(Milind Mhaskar, (S)  
Member Secretary

To,  
M/s. K. Raheja Pvt. Ltd.  
C.S. No. 2/1629, Plot No. 249 & 249A of Worli Scheme No. 52,  
Lower Parcel Division, G/S Ward,  
Worli, Mumbai

Copy to:  
a. RO- Mumbai /SRO-Mumbai-I  
b. CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	1130100	090381	21 Oct 2011	Axis Bank

## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437  
 Fax: 24023516  
 Website: <http://mpcb.gov.in>  
 E-mail: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor  
 Opp. Cine Planet Cinema,  
 Near Sion Circle, Sion (E)  
 Mumbai-400 022.

Consent order No: - BO/CAC-cell/CE(Reval)/CAC- 1702000695  
 Date- 14/02/2017

To,  
 M/s. K. Raheja Private Ltd.,  
 CS No. 2/1629 Lower Parel Division, Plot No 249 & 249A Worli, Mumbai

Subject: Amendment and Revalidation in consent to establish for Construction of Residential building and Multi Storied Public Parking Lot building project under ORANGE category.

Ref :

- 1) Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR-323/TC.2 dated 22.07.2011, and EC amendment granted vide SEAC-2010/CR-323/TC.2 dated 11.06.2014.
- 2) Consent to Establish granted by Board vide no BO/RO(HQ)/CO/CAC-323 dated 28.02.2012
- 3) Your Application approved in 5<sup>th</sup> CAC meeting of 2016-17 (2<sup>nd</sup> sitting) held on 08.12.2016

Your application MPCB-CONSENT-0000011646

Dated: 11.08.2016

For: Amendment and Revalidation in consent to establish for Construction of Residential building and Multi Storied Public Parking Lot building project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule G of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Amendment and Revalidation in Consent to Establish is granted for a period up to: commissioning of the project or upto 28.02.2022 whichever is earlier.
2. The proposed capital investment of the project is Rs. 750.17 crs (As per documents submitted by applicant).
3. The Amendment and Revalidation in consent to establish is valid for Construction of Residential building and Multi Storied Public Parking Lot building project of M/s. K. Raheja Private Ltd., CS No. 2/1629 Lower Parel Division, Plot No 249 & 249A Worli, Mumbai on Total Plot area of 14,638.91 sq.m. and total Construction BUA of 1,29,818.90 sq.m. as per amended EC dtd. 11.06.2014, including utilities and services as per construction commencement certificate issued by local body.

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	N.A.
2.	Domestic effluent	85.5	As per Schedule -I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and



				remaining shall be used on land for gardening and connected to the sewerage system provided by local body
--	--	--	--	---

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	DG Set (2x1010 KVA), (1 x 200 KVA)	3	As Per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule,2000 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Wet Garbage	135 Kg/day	Organic Waste Convertor (OWC)	use as manure
2	Dry Garbage	84 kg/day	-	Hand over to local body or sale for recycle
3	STP sludge	As actual kg/day	-	use as manure

7. Conditions under E-Waste (Management and Handling) Rule,2011 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	AS actual in T/A	Nil	Through authorized recyclers

8. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Nil	--	--	--	--

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Applicant shall submit an affidavit in prescribed format regarding compliance of conditions of EC and Consent to Establish.
- Consent to establish is being issued without prejudice to the orders passed/ being passed by the Hon'ble High Court.
- MCGM shall comply with the order passed and being passed in PIL No. 217 of 2009 by the Hon'ble High Court, Mumbai.
- The applicant shall comply with the conditions stipulated in Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR-323/TC.2 dated 22.07.2011, and EC amendment granted vide SEAC-2010/CR-323/TC.2 dated 11.06.2014.
- This is issued as per the Office Order issued by Environment Department, GoM vide no. 2017/P.K.26/Establishment dated 23.01.2017.

For and on behalf of the  
Maharashtra Pollution Control Board

(P.K. Mirashe)

Assistant Secretary (Technical)

Received Consent fee of -

Sr. No.	Dr.No.	Bank Name	Transaction Type	Amount	Received date
1	0171773	Axis bank	RTGS	15,00,400/-	30.08.2016

Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai-  
-- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updation purposes.

### Schedule-I

#### Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install Sewage Treatment Plants (STPs) of total capacity 100 CMD based on MBBR Technology.
- B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27°C)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be used on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	--
2.	Domestic purpose	100
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity and UOM	S%
1	DG Set (2x1010 KVA),	Acoustic enclosure	6.3* each	HSD	@ 0.21 liters/hr/KVA at full load.	1
2	D.G. Set (1 x 200 KVA)	Acoustic enclosure	2.8*			

\* Above roof of the building in which it is installed.

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
--------------------	---------------	--------------------------

3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



**Schedule-III**  
**Details of Bank Guarantees**

PP shall extend the BG as below:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	Consent to Establish	Rs. 25 lakh	15 days from date of issue of consent	Towards compliance of EC and Consent to Establish condition	COU or 5 years whichever is earlier	Validity of this consent + 4 months

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

# Existing BG obtained for above purpose if any may be extended for period of validity as above.





#### Schedule-IV

##### Conditions during construction phase:

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

##### General Conditions:

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling) Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437  
 Fax: 24023516  
 Website: <http://mpcb.gov.in>  
 E-mail: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor  
 Opp. Cine Planet Cinema,  
 Near Sion Circle, Sion (E)  
 Mumbai-400 022.

**Consent order No: - Format I.O/BO/CAC-cell/UAN No. 0000028220/CE (Exp) & Amalgamation/CAC- 1808000657**  
**Date- 16/08/2018**

To,  
 M/s. K. Raheja Pvt. Ltd.  
 CS no. 2/1629 & 1A/1629 of  
 Lower Parel division, Plot no. 249 &  
 249A, 248 B of Worli estate scheme no. 52  
 Lower Parel, Worli Mumbai.

**Subject: Consent to establish for expansion and amalgamation with existing Consent to establish in RED Category.**

- Ref :** 1. Environmental Clearance accorded by Env.Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 22.7.2011 and amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 11.6.2014.  
 2. Consent to Establish vide no.BO/RO(HQ) /CO/CAC-323 dated 28.2.2012.  
 3. Amendment and Revalidation in Consent to Establish vide no.BO/CAC-Cell/CE(Revalid)/CAC-1702000695 dated 14.2.2017.  
 4. Amendment in Environmental Clearance accorded by Env.Dept, GoM vide No.SEAC-2016/C.R.424/TC.1 dated 12.5.2017 .  
 5. Minutes of Consent Appraisal Committee (CAC) meeting held on 27.3.2018

Your application No. 0000028220 Dated 9.6.2017

For: Consent to establish for expansion and amalgamation with existing Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to establish for expansion and amalgamation with existing Consent to establish is granted for a period upto commissioning of the project or upto 28.2.2022 whichever is earlier.
2. The capital investment of the project for expansion is Rs. 455.95 Crs and existing C to E of earlier issued Consent to Establish by Board dated 14.2.2017 is 750.17 CrAs per undertaking submitted by project proponent ).
3. The Consent to Establish for expansion (for residential and car parking) Sq. mtrs. and amalgamation with existing consent to establish for project named as M/s. K. Raheja Pvt. Ltd. CS no. 2/1629 & 1A/1629 of Lower Parel div. plot no. 249 & 249A, 248 B of Worli estate scheme no. 52 Lower Parel, Worli, Mumbai for Total plot area 20,117.27 sq. mtrs and total construction BUA area 1,59,739.22 sq.mtrs (ie. additional BUA- 29,920.52 : C to E for expansion + 1,29,81.90 Sq.Mtrs : as per existing C to E dated 14.2.2017) as per Environmental Clearance dated 12.5.2017 including utilities and services.

**4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	97	As per Schedule -I	The treated domestic effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening.

**5. Conditions under Air (P&CP) Act, 1981 for air emissions:**

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	DG set (2000 KVA)	1	As Per Schedule -II
2	DG set (500 KVA)	1	As Per Schedule -II

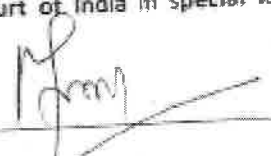
**6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:**

Sr. no.	Type Of Waste	Quantity	Treatment	Disposal
1	Biodegradable	240 Kg/Day	OWC	Used as Manure
2	Non-Biodegradable	160 Kg/day	---	Segregate and Hand over to Local Body for recycling.

**7. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste**


Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
			NIL		

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. PP shall submit an undertaking in prescribed format regarding compliance of conditions of EC and Consent to Establish condition.
11. PP shall submit an undertaking regarding the area for which expansion of Consent to Establish application is made is included in Environment Clearance.
12. PP shall install online monitoring system for parameters BOD, TSS, flow at the outlet of STP and shall be connected to MPCB Server.
13. PP shall install organic waste digester along with composting facility/biogas with composting facility to treat the biodegradable MSW.
14. PP has submitted Approval letter from the MCGM vide No. EX.ENG/SWM/000360/2018/G/S/CTY -dated 23.5.2018 for construction and demolition waste management plan for the said site in respect of order passed or being passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017) dated 15.3.2018.



15. PP shall not dispose off any construction debris to the Deonar and Mulund Dumping sites.
16. This consent is issued without prejudice to the order passed or being passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. B23308/2017).
17. PP shall comply conditions stipulated in Environmental clearance issued by GoM Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 22.7.2011 and amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 11.6.2014 and Amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2016/C.R.424/TC.1 dated 12.5.2017.
18. This consent is issued with overriding effect to existing amendment and revalidation Consent to Establish issued by Board vide No. 3. in Consent to Establish vide no.BO/CAC-Cell/CE(Revalid)/CAC-1702000695 dated 14.2.2017

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

1	TXN1706001098	HDFC Bank	9,11,900/-	14.06.2017
---	---------------	-----------	------------	------------

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai.  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.



**Schedule-I**

**Terms & conditions for compliance of Water Pollution Control:**

- 1) **A) As per your application, you have proposed to provide provided 2 Nos of Sewage Treatment Plants (STP) of capacity 125 CMD for residential building and 10 CMD for car parking.**
- 2) **B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.**

**B) The Applicant shall operate the Sewage Treatment Plant (STP) to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.**

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	pH	6.5 to 9
02	BOD (3 days 27°C)	20
03	Total Suspended Solids(TSS)	50
04	COD	100
05	Residual Chlorine	1 ppm
06	Detergent	2
07	Fecal Coliform(FC)	<1000

- 3) **C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system. PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit within 6 months period and PP shall install online monitoring system for parameters BOD, TSS; flow at the outlet of STP and shall be connected to MPCB Server.**
- 4) **The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.**
- 5) **The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.**
- 6) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	113
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have proposed to installed the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

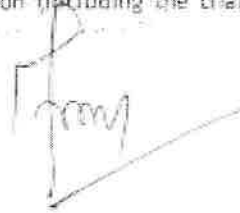
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
01.	DG set ( 2000 KVA)	Acoustic Enclosure	10.0*	Diesel	505 Ltr/Hr
02.	DG set ( 500 KVA)	Acoustic Enclosure	10.0*	Diesel	125 Ltr/Hr

\* Above roof of the building in which it is installed.

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
--------------------	---------------	------------------------

3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



**Schedule-III**  
**Details of Bank Guarantees**

**Project Proponent shall extend the Bank Guarantee as below:**

Sr. No.	Consent (Renewal Of C to O)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity
1	Consent to establish for expansion and amalgamation with existing Consent to Establish.	Rs. 25 Lakh*	Extend existing BG of Rs. 25 Lakh	Towards compliance of EC and C to E Condition.	COU or 28.2.2022 whichever is earlier	Validity of Consent+ 4 months

\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

# Existing BG obtained for above purpose if any may be extended for period of validity as above.



#### Schedule-IV

##### **Conditions during construction phase:**

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

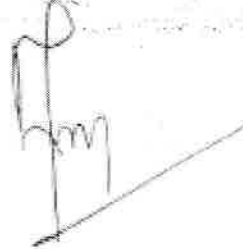
##### **General Conditions:**

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling) Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.



- 8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second-Amended rule 1992.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

—0000—



Maharashtra Pollution Control Board



# Maharashtra Pollution Control Board

## 5de7464e0605292ea96e95ec

ANNEXURE VIII E

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
 Fax: 24023516  
 Website: <http://mpcb.gov.in>  
 Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and 4th floor,  
 Opp. Cine Planet Cinema, Near Sion  
 Circle, Sion (E), Mumbai-400022

No:- Format 1.0/CAC-CELL/UAN No.0000076911/CE 19/2000/03

Date: 04/12/2019

To,  
 M/s K. Raheja Pvt. Ltd.,  
 CS Nos. 2/1629 & 1A/1629 of Lower Parel division,  
 Plot Nos. 249, 249-A & 248-B of Worli Estate Scheme No. 52, Worli, Mumbai.

**Sub: Grant of Consent to Establish for expansion of Residential & Commercial Building construction project with Public Parking Lot under Red Category**

- Ref:**
1. Consent to Establish accorded by Board vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC-1808000657 dtd. 16/08/2018.
  2. Environment Clearance accorded by Env. Dept GoM vide No. SEIAA-EC-0000001926 dtd. 03/08/2019.
  3. Consent to Operate (Part-I) accorded by Board vide No. BO/CAC-Cell/CR(part)/CAC-1702000515 dtd. 10/02/2017.
  4. Minutes of Consent Appraisal Committee meeting held on 07/11/2019.

Your application No.MPCB-CONSENT-0000076911 Dated 18.07.2019

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the Consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Establish is granted for a period upto commissioning of project or upto 30-11-2024 whichever is earlier.
2. The capital investment of the project is Rs.201.24 Crs. (As per undertaking submitted by pp).
3. The Consent to Establish is valid for expansion of Residential & Commercial Building construction project with Public Parking Lot of M/s K. Raheja Pvt. Ltd. at plot bearing CS Nos. 2/1629 & 1A/1629 of Lower Parel division, Plot Nos. 249, 249-A & 248-B of Worli Estate Scheme No. 52, Worli, Mumbai on total plot area 20,117.24 sq. mtrs. for increase in total construction BUA from 1,59,739.22 sq. mtrs. to 1,78,767.03 sq. mtrs. i.e. additional construction BUA of 19,027.81 sq. mtrs. as per Environment Clearance and construction permission issued by Local Body including utilities and services.

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance	20117.24	178767.03
2	Consent to Establish	20117.24	159739.22
3	Consent to Operate (Part-I)	20117.24	33119.24

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	150	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to local body sewer line.

5. Conditions under Air (P&CP) Act, 1981 for air emissions:



# Maharashtra Pollution Control Board

## 5de7464e0605292ea96e95ec

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1 to S-3	DG Sets (2x250 & 2250 KVA)	3	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable waste	408 Kg/Day	OWC followed by composting	Used as manure for gardening
2	Non-Biodegradable waste	322 Kg/Day	Segregation	To be hand over to Local Recyclers for recycling
3	STP sludge	8 Kg/Day	Drying	Used as manure for gardening

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	10	Ltr/M--		Sale to Auth. Party/ Re-processor

- 8 This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- 10 PP shall provide/ operate STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to local body sewer line.
- 12 PP shall install/ operate organic waste digester along with composting facility/bio-digester (biogas) with composting facility for the treatment of wet garbage.
- 13 PP shall obtain NOC from MCOM for disposal of construction debris at specific site inspected and approved by Municipal Corporation.
- 14 PP shall extend existing BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.
- 15 Consent is issued without prejudice to the order passed as may be passed by the Hon'ble Supreme Court of India in special leave petition Civil No. D23708/2017.

For and on behalf of the  
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),  
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	402480.00	TXN1907001546	18/07/2019	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai  
- They are directed to ensure the compliance of the consent conditions.  
- They are directed to forfeit the proportionate bank guarantee, in case, if the JVS results exceeds Consented limits.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose



# Maharashtra Pollution Control Board

## 5de7464e0605292ea96e95ec

### SCHEDULE-I

#### Terms & conditions for compliance of Water Pollution Control:

1) A) As per your application, you have proposed to provide SBR based Sewage Treatment Plants (STPs) of combined capacity **195 CMD for treatment of domestic effluent of 150 CMD.**

B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, fire-fighting etc. and remaining shall be utilized on land for gardening and connected to local body sewer line. In no case, effluent shall find its way outside Project's premise.

- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	159.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.





# Maharashtra Pollution Control Board

## 5de7464e0605292ea96e95ec

### SCHEDULE-II

#### Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1 & S-2	DG Sets (2x250 KVA)	Acoustic Enclosure/ Stack	5	HSD	125 Kg/Hr
S-3	DG Set (2250 KVA)	Acoustic Enclosure/ Stack	10	HSD	562.5 Kg/Hr

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) Conditions for utilities like Kitchen, Eating Places, Canteens:-
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



Maharashtra Pollution Control Board  
5de7464e0605292ea96e95ec

**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E (Expansion)	2500000	Existing	Towards compliance of the Environmental Clearance & Consent to Establish conditions	30.11.2024	31.03.2025

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.  
# Existing BG obtained for above purpose if any may be extended for period of validity as above.

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
			NA			



# Maharashtra Pollution Control Board

## 5de7464e0605292ea96e95ec

### SCHEDULE-IV

#### Conditions during construction phase

<b>A</b>	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
<b>B</b>	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
<b>C</b>	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

#### General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.




# Maharashtra Pollution Control Board

## 5efc629299513b24b0caeda1

ANNEXURE VIII F

**MAHARASHTRA POLLUTION CONTROL BOARD**

Tel: 24010706/24010437  
 Fax: 24023516  
 Website: <http://mpcb.gov.in>  
 Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
 4th floor, Opp. Cine Planet  
 Cinema, Near Sion Circle,  
 Sion (E), Mumbai-400022

No:- Format 1.0/CAC-CELL/UAN No.0000083236/CO -2007000074 Date: 01/07/2020

To,  
 M/s K. Raheja Private Ltd., C.S. Nos.  
 2/1629, 1A/1629 of Lower Parel Division,  
 Plot Nos. 249 & 249A, 248B of Worli  
 Estate Scheme No. 52, Worli, Mumbai.

**Sub: Grant of Consent to 1st Operate (Part-II) for Residential Tower  
 "Artesia" under Red Category**

**Ref:** 1. Environment Clearance accorded by Env. Dept., GoM vide No. SEIAA-  
 EC-0000001926 dtd. 03/08/2019.  
 2. Consent to Establish accorded by the Board vide No. Format 1.0/BO/CAC-  
 Cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC-1808000657 dtd.  
 16/08/2018.  
 3. Minutes of Consent Appraisal Committee meeting held on 03 & 04/03/2020.

Your application NO. MPCB-CONSENT-0000083236

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of  
 Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act,  
 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other  
 Wastes (Management & Transboundary Movement) Rules 2016 is considered and the  
 consent is hereby granted subject to the following terms and conditions and as detailed in  
 the schedule I, II, III & IV annexed to this order:

- The 1st Consent to Operate is granted for a period up to 31.03.2021
- The capital investment of the project is Rs.1309.67 Crs. (As per C.A  
 Certificate submitted by industry).
- The Consent to 1st Operate (Part-II) is valid for Residential Tower "Artesia"  
 of M/s K. Raheja Private Ltd. at plot bearing C.S. Nos. 2/1629, 1A/1629 of  
 Lower Parel Division, Plot Nos. 249 & 249A, 248B of Worli Estate Scheme No.  
 52, Worli, Mumbai on total plot area 20,117.27 sq. mtrs. for construction BUA  
 69,400.89 sq. mtrs. out of total construction BUA 1,78,767.03 sq. mtrs. as  
 per Environment Clearance granted dtd. 03/08/2019 and construction  
 permission issued by Local Body including utilities and services.
- Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent.	Nil	NA	NA
2.	Domestic effluent.	51	As per Schedule - I	60% recycle for secondary purposes and remaining for construction activity and on land for gardening

*[Signature]*







# Maharashtra Pollution Control Board

## 5efc629299513b24b0caeda1

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set (2250 KVA)	1	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradabel waste	139 Kg/Day	OWC followed by composting	Used as Manure
2	Non-Biodegradable waste	209 Kg/Day	Segregation	Auth. Vendor/ Local Body
3	STP Sludge	11 Kg/Day	Dewatering	Used as Manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used /spent oil	100	Ltr/A	Recycle	Sale to Auth. Party/ Recycler

- 8 The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- 10 PP shall submit undertaking in Board's prescribed format within 15 days towards compliance of conditions of Environmental Clearance (EC) and Consent to Operate conditions.
- 11 PP shall submit the undertaking within 15 days in the prescribed format towards the part of the built-up area/ building for which application for 1st Consent to Operate (Part-II) is made and that the same is included in the Environmental Clearance.
- 12 PP shall operate STP to achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- 13 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilised for construction activity and on land for gardening.
- 14 PP shall operate organic waste converter followed by composting facility and obtained compost shall be used as manure in their own garden/ plantation.
- 15 PP shall extend the existing BGs of Rs. 25 Lacs towards O & M of pollution control system & compliance of consent to operate.
- 16 PP shall provide bus transport for residents/ employee to the extent possible directly or indirectly through the operator to reduce traffic congestion and resultant in reduction of air pollution.
- 17 PP will be responsible for proper operation & maintenance of pollution control systems for initial period of five years after Society formation and afterwards handover the facility to the Society for its further operation in good and working conditions.

For and on behalf of the  
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),  
Member Secretary



Maharashtra Pollution Control Board  
5efc629299513b24b0caeda1

Received Consent fee of -

Sr.No	Amount/(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2619340.00	TXN1911002014	26/11/2019	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai /  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC-Cell-for record purpose.



# Maharashtra Pollution Control Board

## 5efc629299513b24b0caeda1

### SCHEDULE-I

#### Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **150 CMD for treatment of domestic effluent of 51 CMD.**
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

- C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilised for construction activity and/ or on land for gardening. In no case, effluent shall find its way outside Project's premise.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
  - 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
  - 4) The Applicant shall comply with the provisions of the **Water (Prevention & Control of Pollution) Act, 1974** and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	57.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.





Maharashtra Pollution Control Board  
5efc629299513b24b0caeda1

**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

- 1) As per your application, you have provided the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set (2250 KVA)	Acoustic Enclosure/ Stack	22	HSD	388 Kg/Hr

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**

- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- The toilet shall be provided with exhaust system connected to chimney through ducting.
- The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
- The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



Maharashtra Pollution Control Board  
5efc629299513b24b0caeda1

**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2O (Part-II)	2500000	Existing	Towards O & M of pollution control system & compliance of consent to operate	31.03.2021	31.07.2021

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.  
# Existing BG obtained for above purpose if any may be extended for period of validity as above.

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						



# Maharashtra Pollution Control Board

## 5efc629299513b24b0caeda1

### SCHEDULE-IV

#### General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 **Conditions for D.G. Set**
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, inside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.



# Maharashtra Pollution Control Board

## 5fabd2b0ecca0968bddd5c5f

Annexure VIII (G)

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

No:- Format1.0/CAC-CELL/UAN No.0000092970/CE - 2011000702

Date: 11/11/2020

To,  
K. Raheja Pvt Ltd., Plot bearing CS No.  
2/1629 & 1A/1629 of Lower Parel Division,  
Plot No. 249 & 249A, 248B of Worli estate  
scheme No. 52, Worli, Mumbai.

**Sub: Consent to Establish for Expansion in existing Residential project  
under L.S.I Red Category**

- Ref:**
1. Consent to Establish accorded by the Board vide letter BO/RO(P&P)/648 dtd 28/09/2006.
  2. Environment Clearance accorded by MoEF GoI vide 21-413/2006-IA.III GoI, MoEF (IA-Division) dtd. 06/02/2007.
  3. 1st Consent to Operate (part) accorded by the Board vide letter BO/CAC-Cell/CR(part)/CAC-1702000515 dtd. 10/02/2017.
  4. Consent to Establish for expansion & amalgamation of existing C2E accorded by the Board vide letter No. Format 1.0/BO/CAC-Cell/UAN No. 0000028220/CE(Exp) & amalgamation)/CAC-1808000657 dtd. 16/08/2018.
  5. Environment Clearance for expansion accorded by Env. Dept, GoM vide letter SEIAA-EC-0000001926 dtd. 03/08/2019.
  6. Consent to Establish for expansion accorded by the Board vide letter Format 1.0/CAC-CELL/UAN No. 0000076911/CE-1912000103 dtd. 04/12/2019.
  7. Environment Clearance for expansion accorded by Env. Dept, GoM vide letter SIA/MH/MIS/42830/2018 dtd. 31/03/2020
  8. Minutes of Consent Appraisal Committee meeting held on 07/09/2020 & 11/09/2020.

Your application NO: MPCB-CONSENT-0000092970

For: Grant of Consent to Establish for expansion under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The Consent to Establish is granted for a period upto commissioning of project**
2. **The capital investment of the project is Rs.66.23 Crs. (As per C.A Certificate submitted by industry).**
3. **The Consent to Establish for expansion is valid for Residential project named as K. Raheja Pvt Ltd., Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai. on Total Plot Area of 20,117.24 SqMtrs for construction BUA of 38,143.17 SqMtrs out of Total Construction BUA of 2,16,910.20 SqMtrs**





# Maharashtra Pollution Control Board

## 5fabd2b0ecca0968bddd5c5f

(i.e. existing 1,78,767.03 Sq.m + proposed 38,143.17 Sq.m) as per EC granted dated 31/03/2020 including utilities and services

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	C to E - dtd. 28/09/2006	14638.91	42094.00
2	EC- dtd. 06/02/2007	14638.91	42094.00
3	Ist C to O (part) - dtd. 10/02/2017	14638.91	33119.24
4	C to E (exp + amlg) - dtd. 16/0/2018	20117.27	159739.22
5	EC for exp - dtd. 03/08/2019	20117.24	178767.03
6	C to E for exp - dtd. 04/12/2019	20117.24	178767.03
7	EC for exp - dtd. 31/03/2020	20117.24	216910.20

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	Nil	Nil
2.	Domestic effluent	223	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set 2250 KVA	01	As per Schedule -II
S-2, S-3	DG Sets 1250 KVA x 2	02	As per Schedule -II
S-4	DG Set 250 KVA	01	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	561 Kg/Day	Organic waste converter followed by Composting facility.	Used as Manure.
2	Non-Biodegradable Waste	653 Kg/Day	Segregation	By Sale to Auth. Vendor
3	STP Sludge	25 Kg/Day	SDB	Used as Manure.

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity UoM	Treatment	Disposal
1	5.1 Used /spent oil	100 Ltr/A	Stored in drum	By sale to Auth. reprocessor.

*Signature*

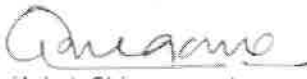


# Maharashtra Pollution Control Board

## 5fabd2b0ecca0968bddd5c5f

- 8 This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- 10 PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- 12 PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP with connectivity to MPCB Server.
- 13 PP shall submit BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.
- 14 PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.
- 15 PP shall submit Board Resolution within 15 days stating that they have violated Consent condition by continuing construction work without obtaining re-validation of Consent to Establish and they will not do so in future. PP shall furnish BG of Rs. 2 Lakh towards compliance of this condition (ie. if PP started construction without obtaining consent to Establish from Board and PP has Environment Clearance for said project).
- 16 This consent is issued without prejudice to the order passed or may be passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017) (if construction in Mumbai region.)
- 17 PP shall not take effective steps without obtaining EC from the Competent Authority (if EC not procured) PP shall comply conditions stipulated Environment Clearance accorded by Environment Department, GoM vide. SEAC 2013/CR-350/TC-1 dtd 31.5.2014.
- 18 PP has obtained approval from MCGM vide No. SWM/000907/2018/G/S/CTY dated 21.6.2018 for transportation of construction & demolition waste from construction site to the designated filling & leveling site.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	100000.00	MPCB-DR-0544	28/06/2020	RTGS

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



# Maharashtra Pollution Control Board

## 5fabd2b0ecca0968bddd5c5f

### SCHEDULE-I

#### Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to provide MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity 295 CMD for treatment of domestic effluent of 223 CMD.
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

- C) The treated domestic effluent shall be 60% recycled for secondary purposes such as-toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	238.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

*Signature*



Maharashtra Pollution Control Board  
5fabd2b0ecca0968bddd5c5f

**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

- 1) As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set 2250 KVA	Acoustic enclosure	9.49	HSD	388 Ltr/Hr
S-2, S-3	DG Sets 1250 KVA x 2	Acoustic enclosure	7.07	HSD	621 Ltr/Hr
S-4	DG Set 250 KVA	Acoustic enclosure	3.16	HSD	62.5 Ltr/Hr

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

*[Handwritten Signature]*





Maharashtra Pollution Control Board  
5fabd2b0ecca0968bddd5c5f

**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No.	Consent(C2E/C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of Compliance BG	Validity Date
1	Consent to Establish for Expansion	25 Lakh	15 days	Towards Compliance of Environment Clearance and Consent conditions.	COU Up to Commissioning of the project or 5 years whichever is earlier.

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.  
# Existing BG obtained for above purpose if any may be extended for period of validity as above.

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
			NA			

*Signature*



# Maharashtra Pollution Control Board

## 5fabd2b0ecca0968bddd5c5f

### SCHEDULE-IV

#### Conditions during construction phase

<b>A</b>	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
<b>B</b>	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
<b>C</b>	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

#### General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.



**Maharashtra Pollution Control Board**  
**5fabd2b0ecca0968bddd5c5f**

- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

*A. Raheja*



# Maharashtra Pollution Control Board

## 619b36c4219b594cc8141c7e

Annexure VIII (H)

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
 Fax: 24023516  
 Website: <http://mpcb.gov.in>  
 Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and  
 4th floor, Opp. Cine Planet  
 Cinema, Near Sion Circle,  
 Sion (E), Mumbai-400022

Infrastructure/RED/LSI

No:- Format1.0/CAC-CELL/UAN No.0000109931/CO - 211000812

Date: 22/11/2021

To,  
 K. Raheja Pvt Ltd.,  
 Plot bearing CS No. 2/1629 & 1A/1629 of  
 Lower Parel Division, Plot No. 249 & 249A,  
 248B of Worli estate scheme No. 52, Worli,  
 Mumbai.



**Sub: Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II) for Commercial & Residential Building project under Red/LSI category.**

- Ref:**
1. Environmental Clearance for expansion accorded by Env. Dept. GoM vide letter No SIA/MH/MIS/42830/2018 dtd. 31/03/2020.
  2. 1st Consent to Operate (Part-II) accorded by the Board vide letter Format1.0/CAC-CELL/UAN No. 0000083236/CO-2007000074 dtd. 01/07/2020.
  3. Consent to Establish for Expansion accorded by the Board vide letter Format1.0/CAC-CELL/UAN No. 0000092970/CE-2011000702 dtd. 11/11/2020.
  4. Minutes of Consent Appraisal Committee meeting held on 23/06/2021.

Your application NO. MPCB-CONSENT-0000109931

For: Grant of Consent to Operate (Part) under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The 1st Consent to Operate is granted for a period up to 31.03.2022**
2. **The capital investment of the project is Rs.2047.82 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate (Part) is valid for Commercial & Residential Building project named as K. Raheja Pvt Ltd., Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai on Total Plot Area of 20,117.24 SqMtrs for Construction BUA of 1,41,069.75 SqMtrs out of Total Construction BUA of 2,16,910.20 SqMtrs as per EC granted dated 31/03/2020 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	EC- dtd. 31/03/2020	20117.24	216910.20
2	1st C to O (Part-II)- dtd. 01/07/2020	20117.24	69400.89
3	C to E for Exp - dtd. 11/11/2020	20117.24	38143.17

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to Disposal
1.	Trade effluent	Nil	Nil





Maharashtra Pollution Control Board  
619b36c4219b594cc8141c7e

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	110	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1 & S-2	DG Sets of 250 kVA x 2	02	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:

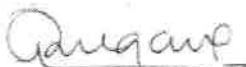
Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable Waste	313 Kg/Day	OWC followed by composting facility	Used as Manure.
2	Non-biodegradable Waste	209 Kg/Day	Segregation	Handed over to Auth. Vendor.
3	STP Sludge	8 Kg/Day	Drying	Used as Manure.

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No.	Quantity UoM	Treatment	Disposal
1	5.1 Used or spent oil	100	Ltr/A/Recycle	By Sale to Auth. recycler.

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- PP shall properly operate STP to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility to the treated sewage.
- The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
- PP shall properly operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
- PP shall make provision of charging ports for electric vehicles at least 10% of total available parking slots.
- PP shall extend existing BG of Rs. 25 Lakh towards O & M of Pollution Control Systems and compliance of Consent conditions.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary



# Maharashtra Pollution Control Board

## 619b36c4219b594cc8141c7e

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	4095640.00	TXN2103001103	09/03/2021	Online Payment

### Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



# Maharashtra Pollution Control Board

## 619b36c4219b594cc8141c7e

### SCHEDULE-I

#### Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have provided SBR based Sewage Treatment Plants (STPs) of combined capacity **150 CMD** for treatment of domestic effluent of **110 CMD**.
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	117.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



# Maharashtra Pollution Control Board

## 619b36c4219b594cc8141c7e

### SCHEDULE-II

#### Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1 & S-2	DG Sets of 250 kVA x 2	Acoustic enclosure	3.16	HSD	125 Ltr/Hr

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No.	Consent (C2E/C 20/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Operate (Part)	25 Lakh	Extension of existing BG	Towards O & M of Pollution Control Systems and Compliance of Consent conditions.	Monthly	30/09/2022





Maharashtra Pollution Control Board  
619b36c4219b594cc8141c7e

Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
---------	-----------------------	-------------------	-------------------	---------------	-------------------	---------------

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

# Existing BG obtained for above purpose if any may be extended for period of validity as above.

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV**

**General Conditions:**

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.



**Maharashtra Pollution Control Board**  
**619b36c4219b594cc8141c7e**

- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 **Solid Waste** - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary



**Maharashtra Pollution Control Board**  
**619b36c4219b594cc8141c7e**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Application for Consent/ Authorisation

Sir,  
I/We hereby apply for\*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.
2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.
3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

### Consent Information

**UAN No:**

MPCB-CONSENT-0000132222

**Application submitted on:**

16-02-2022

### Industry Information

**Consent To:**

Renewal (Normal)

**IIN No.:**

**Submit to:**

SRO - Mumbai I

**Type of institution:**

Other Planning Authority

**Industry Type:**

021 Building and construction project more than 20,000 sq. m built up area

**Category:**

Orange

**Scale:**

L.S.I

**EC Req'd.**

No

**EC Obtained**

Yes

**EC Ref. No.**

F. No. 21-413/2006-IA.III dtd. 06.02.2007; SEAC 2010/ CR-323/TC-2 dtd. 22.07.2011; SEAC-2010/CR-323/TC-2 dtd. 11.06.2014; SEAC-2016/C.R.424/TC-1 (SEIAA-EC-0000000102) dtd. 12.05.2017; SEIAA-EC-0000001926 dtd. 03.08.2019 & F. No. SIA/MH/MIS/42830/2018 dtd. 31.03.2020.

**Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)**

Yes

### General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

**Name**

Nikhil Mehta

**Address**

C S No 2/1629 of Lower Parel division, Plot No 249 & 249A of Worli, Mumbai,

**Designation**

Vice President

**Taluka**

Kurla

**Area**

Kurla (West)

**District**

Mumbai Suburban

**Telephone**

**Fax**



9167755305

**Email**

avrane@kraheja.com

**Pan Number**

AAACK1949H

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

**Industry name**

M/s. K. RAHEJA PRIVATE LTD

**Location of Unit**

Residential tower (Part) on land bearing at CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No. 249 & 249 A, 248B of Worli estate scheme no. 52, Worli, Mumbai.

**Survey number/Plot Number**

C.S. No.2/1629, 1A/1629 & Plot No.249 & 249A, 248B

**Taluka**

Mumbai

**District**

Mumbai city

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

**Planning permission**

Municipal Corporation of Greater Mumbai (MCGM)

**Planning Authority**

Municipal Corporation of Greater Mumbai (MCGM)

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

**Name of Local Body**

Municipal Corporation of Greater Mumbai (MCGM)

**Name of the licence issuing authority**

Municipal Corporation of Greater Mumbai (MCGM)

3. Names, addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

**Name of Managing Director**

Mr. Raman Sapru (Executive President - Projects)

**Telephone number**

09167779454

**Fax number**

02226564604

**Officer responsible for day to day business**

Mr. Vaibhav Samarth

4. (a.) Are you registered Industrial unit ?

No

**Registration number**

17018/1973-74

**Date of registration**

Apr 3, 1982

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

**Gross capital (in Lakh)**

211668.00

**\* Verified**

CA Certificate

**\* Terms**

2

**\* Consent Fee**

8466720.00

6. If the site is located near sea-shore/river bank/other water bodies/Highway, indicate the crow fly distance and the name of the water body, if any.

<b>Distance From</b>	<b>Distance(Km)</b>	<b>* Name</b>
SH/NH	4.56	
River	0.00	--NA--
Human Habitation	1.00	
Religious Place	1.00	
Historical Place	0.00	--NA--
Creek/Sea	1.50	Creek/Sea

6b. Enter Latitude and Longitude details of site

**Latitude**  
190033.2

**Longitude**  
724910.08

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone, Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

<b>Location</b>	<b>Approved Industry Area</b>	<b>Sensitive Area</b>	<b>If Yes, Name Of Area</b>	<b>Industry Location with Reference to CRZ</b>
Not Applicable	No	No	Not Applicable	

8. If the site is situated in notified industrial estate,

		<b>Details</b>
<b>(a) Whether effluent collection, treatment and disposal system has been provided by the authority.</b>	No	Not Applicable
<b>(b) Will the applicant utilize the system, if provided.</b>	No	Not Applicable
<b>(c) If not provided, details of proposed arrangement.</b>	STP of capacity 160 KLD (SBR based) is installed.	

9.

<b>(a) Total plot area (in square meter)</b>	<b>(b) Built up area and (in square meter)</b>	<b>(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in square meter)</b>
20117.24 sq.m.	141459.76 sq.m.(FSI: 61178.68 Sq.m. + Non FSI: 80281.08 Sq.m.) out of total BUA 216910.20 sq.m.	5811.61 sq.m.

10. Month and year of commissioning of the Unit.

2020-01-01

11. Number of workers and office staff

<b>Workers</b>	<b>staff</b>	<b>Hrs. of shift</b>	<b>Weekly off</b>
0	0	0	0

12.

**(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?** No  
This application is for renewal of CTO (Part) for Residential Building with Total population 870 Nos

<b>(b) If yes, please state population staying</b>	<b>Water consumption</b>	<b>Sewage generation</b>	<b>Whether is STP provided?</b>
<b>Number of person staying</b>	Not Applicable	Not Applicable	No

<b>(c) Indicate its location and distance with reference to plant site.</b>	<b>Water consumption</b>
<b>Number of person staying</b>	Not Applicable
Not Applicable	Not Applicable

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc, (Give figures corresponding to maximum installed production capacity)

Products Name and Quantity

<b>Product Name</b>	<b>UOM</b>	<b>Product Name</b>	<b>Existing</b>	<b>Consented</b>	<b>Proposed Revision</b>	<b>Total</b>	<b>Remarks</b>
---------------------	------------	---------------------	-----------------	------------------	--------------------------	--------------	----------------

OTHERS	--NA--	Not Applicable	0	0	0	0	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building completed upto 2B+G+5 Parking flrs.+ Stilt 6+ structural /service floors +3 Fire check flrs+45 habitable floor (the 5th parking floor above public parking lot will be for residential parking).
--------	--------	----------------	---	---	---	---	--

**Products Name and Quantity**

Product Name	UOM	Quantity	Remarks
Not Applicable	--NA--	0	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building.

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	UOM	Quantity	Hazardous Waste	Hazardous Chemicals	Remarks
Not Applicable	--NA--	0	No	No	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building.

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA, As the proposal pertains for renewal of Consent to Operate (Part) for Residential Building. Please refer Annexure enclosed for Project Details.

**Part B : Waste Water aspects**

16. Water consumption for different uses (m<sup>3</sup>/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	117(F)+25(SP-F)	110	STP	STP of capacity 160 CMD with SBR based Technology is provided to treat sewage generated.	Recycle	Treated water will be used for flushing & gardening.
Water gets Polluted & Pollutants are Biodegradable	Nil	0	--NA--	Not applicable	--NA--	Not applicable

Water gets Polluted, Pollutants are not Biodegradable & Toxic	Nil	0	--NA--	Not applicable	--NA--	Not applicable
Industrial Cooling, spraying in mine pits or boiler feed	Nil	0	--NA--	Not applicable	--NA--	Not applicable
Others	Gardening- 30 CMD (R)					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

<b>Source of water supply</b>	<b>Name of authority granting permission</b>	<b>Quantity permitted</b>
Municipal Corporation of Greater Mumbai (MCGM) & Recycled water	Municipal Corporation of Greater Mumbai (MCGM)	117

18. Quantity of waste water (effluent) generated (m3/day)

<b>Domestic</b>	<b>Boiler Blowdown</b>	<b>Industrial</b>	<b>Cooling water blowdown</b>
110	0	0	0
<b>Process</b>	<b>DM Plants/Softening</b>	<b>Washing</b>	<b>Tail race discharge from</b>
0	0	0	0

\* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

62 CMD

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

**Capacity of STP (m3/day)**

160

<b>Treatment unit</b>	<b>Size (mxm)</b>	<b>Retention time (hr)</b>
SBR based Sewage Treatment Plant with capacity of 160 CMD is provided to treat sewage generated.	160	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

**Capacity of ETP (m3/day)**

0

<b>Treatment unit</b>	<b>Size (mxm)</b>	<b>Retention time (hr)</b>
Not applicable as no generation of trade effluent.	0	0

22.

**(i) Are sewage and trade effluents mixed together?**

No

**If yes, state at which stage-Whether before, intermittently or after treatment.**

No, Not applicable as no generation of trade effluent.

23. Capacity of treated effluent sump, Guard Pond if any.

**Capacity of treated effluent sump (m3)** Not applicable



<b>Effluent sump/Guard pond details</b>	No	Not applicable
<b>If yes, state at which stage-Whether before, intermittently or after treatment.</b>	No	Not applicable

24. Mode of disposal of treated effluent With respective quantity, m3/day

<b>(i) into stream/river (name of river)</b>	0	<b>(ii) into creek/estuary (name of Creek/estuary)</b>	0
<b>(iii) into sea</b>	0	<b>(iv) into drain/sewer (owner of sewer)</b>	30
<b>(v) On land for irrigation on owned land/ase land. Specify cropped area.</b>	0	<b>(vi) Connected to CETP</b>	0
<b>(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)</b>	99		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

**Untreated Effluent**

<b>pH</b>	6.0-8.50
<b>SS (mg/l)</b>	400
<b>BOD (mg/l)</b>	250-350
<b>COD (mg/l)</b>	500
<b>TDS (mg/l)</b>	--
<b>Specific pollutant if any</b>	<b>Name Value</b>
1	Oil & Grease <50

**Treated Effluent**

<b>pH</b>	6.5-7.5
<b>SS (mg/l)</b>	<10 mg/lit
<b>BOD (mg/l)</b>	<10 mg/lit
<b>COD (mg/l)</b>	<50 mg/lit
<b>TDS (mg/l)</b>	--
<b>Specific pollutant if any</b>	<b>Name Value</b>
1	Oil & Grease <5

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA, As building is not occupied therefore STP is currently not operational at site.

26. Fuel consumption

<b>Fuel Type</b>	<b>UOM</b>	<b>Fuel Consumption TPD/LKD</b>	<b>Calorific value</b>
HSD	Kg/Hr	461.36	10800
<b>Ash content</b>	<b>Sulphur content</b>	<b>Quantity</b>	<b>Other (specify)</b>
0	0.25	1	DG Set (2250 KVA) is provided.

27. (a) Details of stack (process & fuel stacks: D. G. )

<b>(a) Stack number(s)</b>	<b>(b) Stack attached to</b>	<b>(c) Capacity</b>	<b>(d) Fuel Type</b>
1	DG Set (1 Nos.)	2250 KVA x 1 Nos.	HSD
<b>(e) Fuel quantity (Kg/hr.)</b>	<b>(f) Material of construction</b>	<b>(g) Shape (round/rectangular)</b>	<b>(h) Height, m (above ground level)</b>
461.36	MS	Round	22 m
<b>(i) Diameter/Size, in meters</b>	<b>(j) Gas quantity, Nm<sup>3</sup>/hr.</b>	<b>(k) Gas temperature °C</b>	<b>(l) Exit gas velocity, m/sec.</b>
0.45	525	475	14.85
<b>(m) Control equipment preceding the stack</b>	<b>(n) Nature of pollutants likely to present in stack gases such as Cl<sub>2</sub>, Nox, Sox TPM etc.</b>	<b>(o) Emissions control system provided</b>	<b>(p) In case of D.G. Set power generation capacity in KVA</b>
Not Applicable	SPM, SO <sub>2</sub> , NO <sub>x</sub>	Adequate stack height as per CPCB norms to achieve satisfactory dilution.	2250 KVA x 1 No. (DG Set will be used as power back up)

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

No

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder/etc. As per Central Board Publication "Emission regulations Part-III" ( December, 1985 )

<b>Port hole</b>	Yes	<b>Details</b>	Yes, Port holes are provided as per CPCB guidelines.
<b>Platform</b>	Yes	<b>Details</b>	Yes, Platforms are provided as per CPCB guidelines.
<b>Ladder</b>	Yes	<b>Details</b>	Yes, Ladders are provided as per CPCB guidelines.

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

<b>Sr. No</b>	<b>Stack attached to</b>	<b>Parameter</b>	<b>Concentration mg/Nm<sup>3</sup></b>	<b>flow (Nm<sup>3</sup>/hr)</b>
1	Not Applicable	Not Applicable	0	0

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

Currently Building is not occupied therefore DG Set is not in operation.

#### Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling ) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

##### Waste (Annually) Schedule I

<b>Cat No</b>	<b>Type</b>	<b>Qty</b>	<b>UOM</b>
5.1	5.1 Used or spent oil	100	Ltr/A
<b>Max</b>	<b>Method of collection</b>	<b>Method of reception</b>	<b>Method of storage</b>
	As per norms	Not Applicable	As per norms
<b>Method of transport</b>	<b>Method of treatment</b>	<b>Method of disposal</b>	
As per norms	Not Applicable	Sale to authorized Recycler	

**Waste (Annually) Schedule II**

31. Details about use of hazardous waste

<b>Name of hazardous waste/Spent chemical</b>	<b>Quantity used/month</b>	<b>Party from whom purchased</b>	<b>Party to whom sold</b>
Not applicable	0	Not applicable	Not applicable

32.

**a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste**

Not applicable

**b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics**

Not applicable

33.

**Copy of format of manifest/record Keeping practiced by the applicant.**

Not applicable

34.

**Details of self-monitoring (source and environment system)**

Not applicable

35.

**Are you using any imported hazardous waste. If yes, give details.**

Not applicable

36.

**Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.**

Not applicable

37.

**Present treatment of hazardous waste, if any (give type and capacity of treatment units)**

Not applicable

38. Quantity of hazardous waste disposal

**(i) Within factory**

0

**(ii) Outside the factory (specify location and enclose copies of agreement.)**

0

**(iii) Through sale (enclosed documentary proof and copies of agreement.)**

100

**(iv) Outside state/Union Territory, if yes particulars of (1 & 3 ) above.**

0

**(v) Other (Specify)**

0

**Part - E: Additional information**

39.

**a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.**

Not applicable

**b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.**

Not applicable

40.

**Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).**

Please refer Annexure enclosed for Detailed Environmental Management Plan.

41.

**To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?**

STP

42.

**Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure.**

STP

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	Quantity	UOM	Treatment	Disposal	Other Details
Biodegradable Waste	313	Kg/Day	OWC followed by composting	Will be treated in OWC & manure obtain will be used for Gardening.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.
Non- Biodegradable Waste	209	Kg/Day	Segregation	Will be handover to the authorized vendor/ Local Body.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.
STP Sludge	8	Kg/Day	Drying	Will be used as manure for Plantation/ Gardening.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.

44. Hazardous Chemicals - Give details of Chemicals and quantities handled and Stored.

**(i) Is the unit a Major Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?**

Not applicable

**(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?**

Not applicable

**(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.**

Not applicable

**(iv) Has approval of site been obtained from the concerned authority?**

Not applicable

**(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?**

Not applicable

**(vi) Has information on imports of Chemicals been provided to the concerned authority?**

Not applicable

**(vii) Does the unit possess a policy under the PLI Act?**



Not applicable

45. Brief details of tree plantation/green belt development within applicant's premises ( in hectares )

<b>Open Space Availability</b>	<b>Plantation Done On</b>	<b>Number of Trees Planted</b>
4680.82 Square meter	139 Square meter(3.0 %)	26

46.  
**Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.**

STP, Solar System, OWC, RWH are provided. Rain Water Harvesting tank of 50 KL is within bldg. (Please refer Annexure enclosed).

47.  
**(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.**

EC obtained (Please refer Annexure enclosed).

**(b) Any other additional information that the applicants desires to give**

No

**(c) Whether Environmental Statement submitted ? If submitted, give date of submission.**

Yes. Please refer Annexure enclosed for Environmental Statement (2020-2021)

48.  
**I/We further declare that the information furnished above is correct to the best of my/our knowledge.**

49.  
**I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and until the grant of fresh Consent/Authorization no change shall be made.**

50.  
**I/We undertake to furnish any other information within one month of its being called by the Board**

**Yours faithfully**

**Signature : Mr. Raman Sapru**  
**Name : Mr. Raman Sapru**  
**Designation : Executive President - Projects**

**Additional Information**

**Air Pollution**

<b>Sr No.</b>	<b>Air Pollution Source</b>	<b>Pollutants</b>	<b>APCS Provided</b>	<b>Remark</b>
1	DG Set (1 Nos.)	SPM, SO2, NOx	Adequate stack height as per CPCB norms to achieve satisfactory dilution	DG Set (2250 KVA x 1 Nos.)

<b>Separate EM Provided</b>	No	<b>Other Emission Sources</b>	Not Applicable
<b>Measures Proposed</b>	Adequate stack height as per CPCB norms to achieve satisfactory dilution	<b>Foul Smell Coming Out</b>	No

**Air Sampling Facility Details** Port holes, platforms & Ladders are provided as per CPCB guidelines.

**D.G. Set Details**

<b>Description</b>	<b>Capacity(KVA)</b>	<b>Remarks</b>
DG Set	2250	DG Set (2250 KVA x 1 Nos.)

**Hazardous Waste Generation**

<b>Hazardous Waste</b>	<b>Quantity</b>	<b>UOM</b>	<b>Treatment</b>	<b>Disposal</b>	<b>Other Details</b>
5.1 Used or spent oil	100	Ltr/A	Not Applicable	Sale to authorized Recycler	Not Applicable

**CHWTSDF Details**

<b>Member of CHWTSDF</b>	<b>CHWTSDF Name</b>	<b>Remarks</b>
--------------------------	---------------------	----------------

**Cess Details**

<b>Cess Applicable</b>	<b>Cess Paid</b>	<b>If Yes, UpTo</b>
No	No	Jan 1 1900 12:00:00:000AM

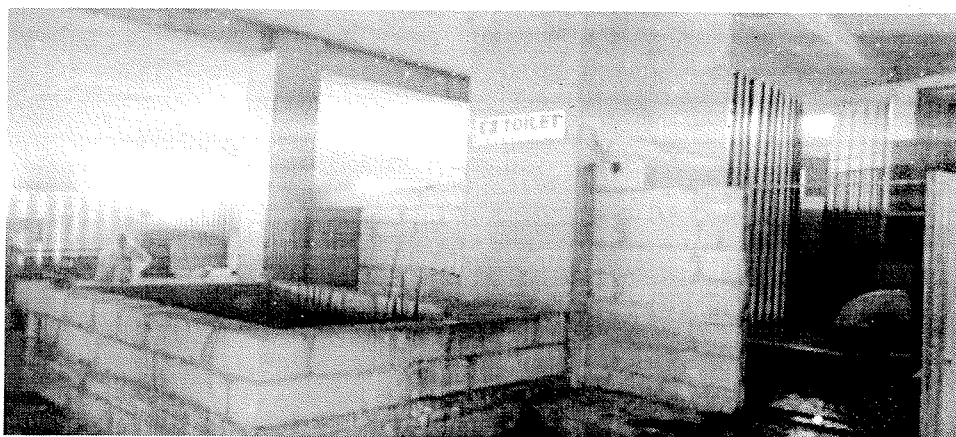
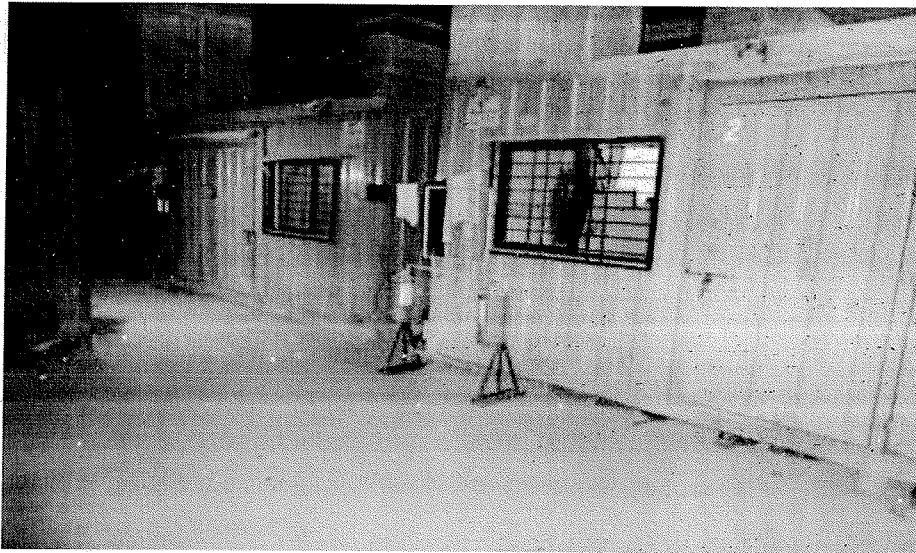
**Legal Actions**

<b>Legal Action Taken</b>	<b>Legal Record Of Company</b>	<b>Legal Action Details</b>	<b>Remarks</b>
No			



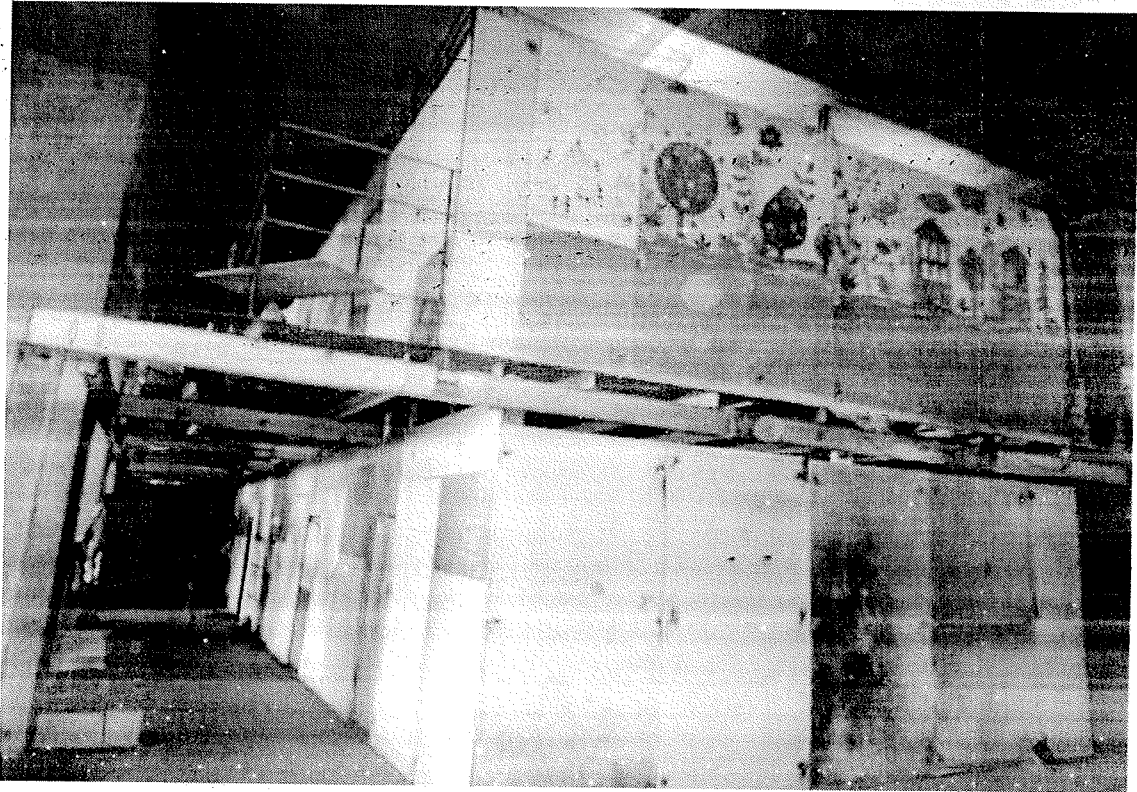
# Photographs of Labour camp

## Annexure-IX



**Photographs of Labour camp**

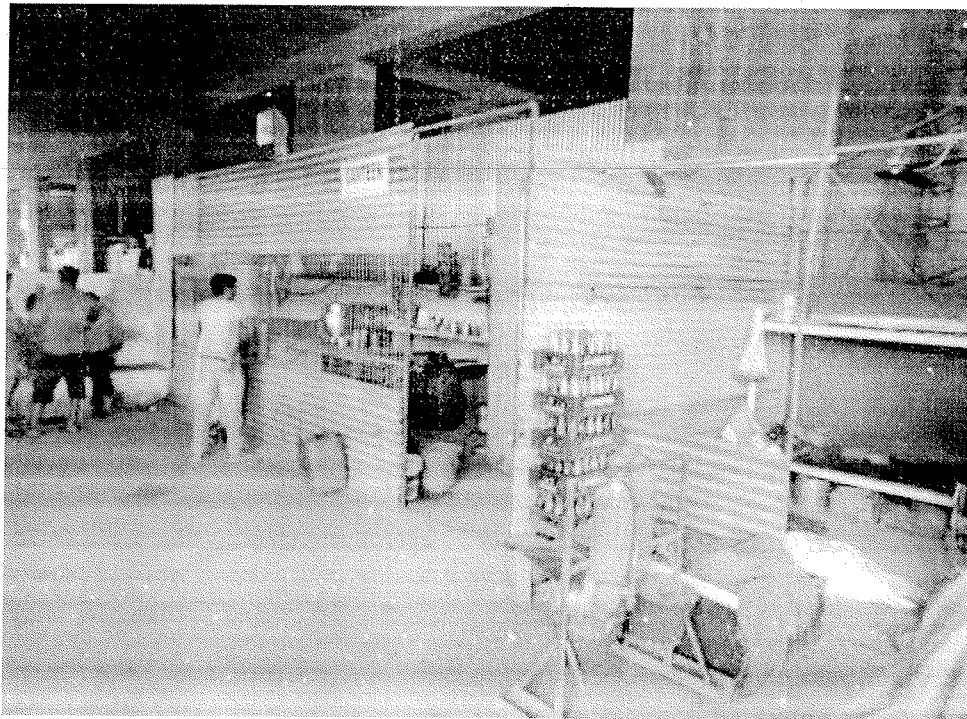
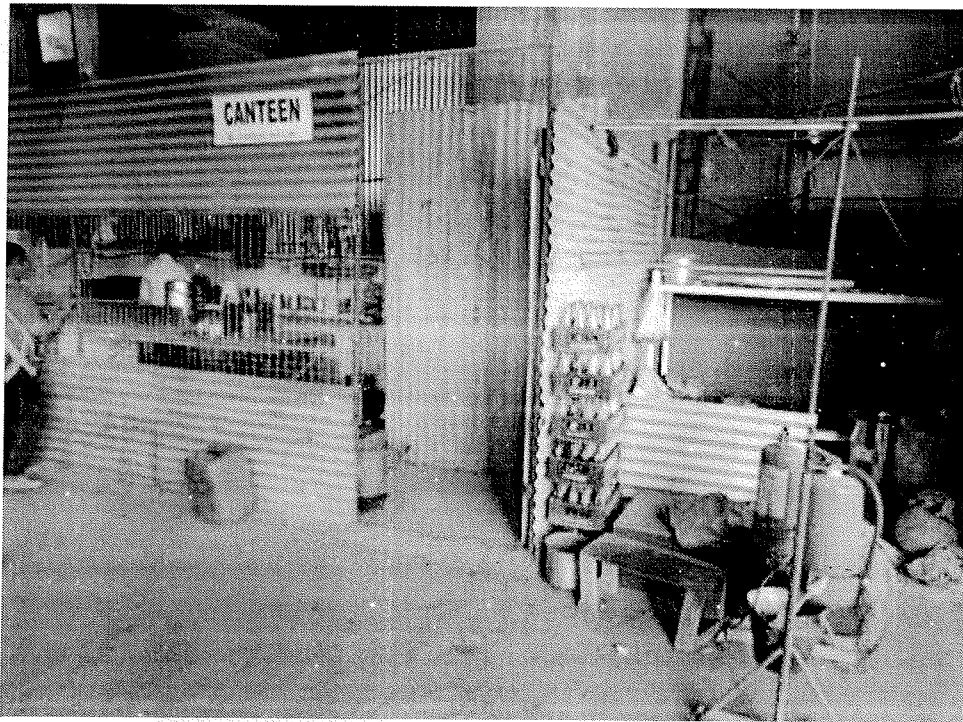
**Annexure-IX**





Photographs of Labour camp

Annexure-IX



**Photographs of Labour camp**

**Annexure-IX**





**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
(Solid Waste Management Department)

Office of Executive Engineer,  
SWM SWM Zonal Office 2,

Application Number - EB/1105/GS/A/SWM/12/Amend, dated - 15 Jul 2021  
Issued remarks Number /008079/2021/G/S/CTY Dated 15 Jul 2021.

To (Architect / L.S), KASTURI KEDAR PEWEKAR Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)	CC (Owner), M/s. K Raheja Pvt.Ltd. Raheja Tower, Plot No: C-30, Block 'G', Next to Bank of Baroda, Bandra Kurla Complex, Bandra (E), Mumbai-400051
--	--

**Subject :-** Approval to Construction & Demolition Waste Management Plan for the site at CTS/CS Number 2/1629, 1A/1629 of village Lower Parel at ward G/South.

**Reference :-** Your application / online submission for C&D Waste Management Plan levelling & filling at designated site dtd. 15 Jul 2021.

With reference to your application/ online submission, the Debris Management Plan submitted by you has been approved as per "Construction and Demolition Waste Rules 2016" and you are allowed to transport Construction & Demolition/ Excavation Material from construction site to the unloading site subject to following terms & conditions.

1. This approval is subject to the orders given by Hon. Supreme Court u/no. in SLP (Civil) No. D23708/2017 dated 15.3.2018. You shall follow this order of Hon. Supreme Court and instructions therein.
2. You shall handle & transport Construction & Demolition Waste / Excavation Material to the extent of 1200 Brass only to the designated unloading site M/s. Navj Mumbai SEZ Pvt. Ltd., Village Dronagiri, Taluka Uran, District Raigad, Navi Mumbai ( Part - II). (Mr. Shabbir - 9322340359 shabbirtransport@gmail.com) & validity 23 Jun 2022.
3. You shall transport the C&D waste with proper precautions and employ adequate measures safe guards to dispersal of particles through the air.
4. You have mentioned designated site for transportation of C&D waste for filling and levelling purpose. The C&D waste shall be transported and deposited at the designated site only The Landfill site (unloading site) shall be governed by the Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016.
5. In the event for any reason whatsoever, the consent given by the Designated Site / Agency is revoked or the time limit for the designated site has expired or the capacity of unloading site is exhausted. In such case the builder / developer shall forthwith stop the transportation activities. The builder / developer shall submit revised Construction and Demolition waste management plan along with required valid documents for revalidation of existing C&D waste Management Plan.
6. The construction & Demolition Waste shall be transported through your Transport Contractor. The details of the same shall be uploaded in the system by the applicant at the time of actual transportation.
7. The deployed vehicles shall abide by all the R.T.O. rules and regulations. You shall ensure that the vehicles should be properly covered with tarpaulin or any other suitable material firmly to avoid any escape / fall of waste on road from moving vehicle. The body and wheels

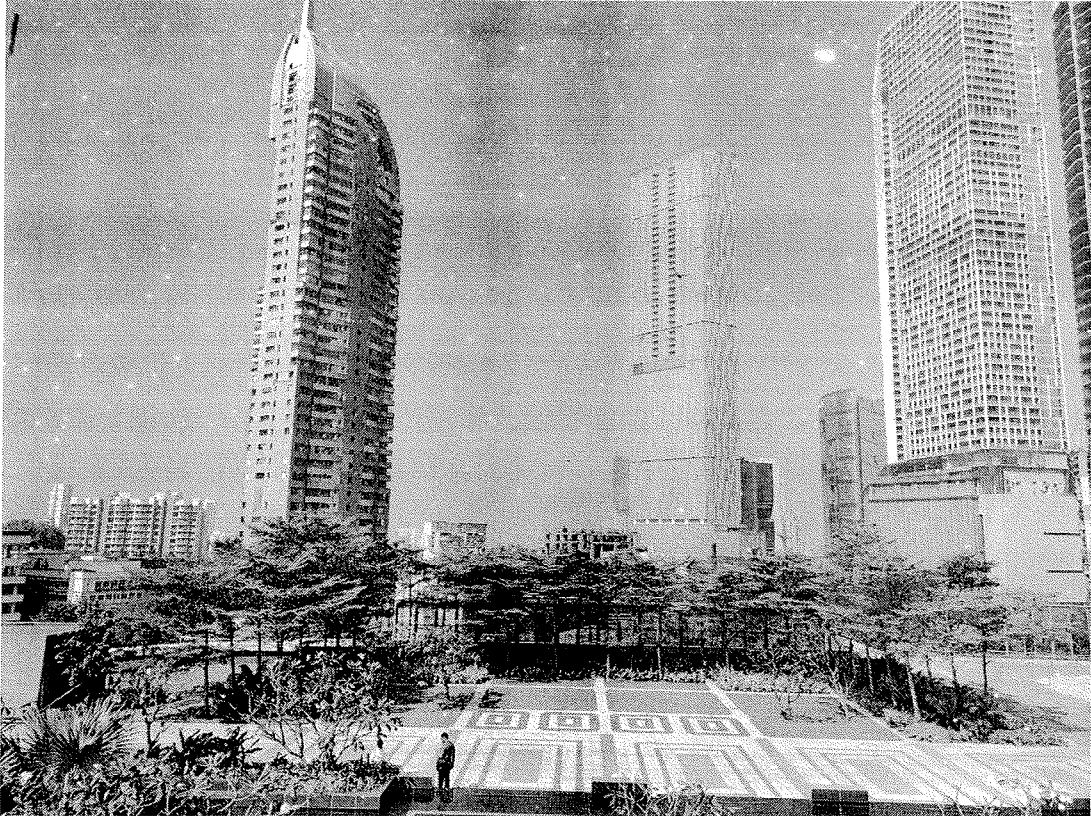
- shall be cleaned and washed thoroughly to avoid spreading of waste on road.
8. The copy of approved Construction and Demolition Management Plan Shall be accompanied with each and every vehicle under this approval. The developer shall issue the proper Challan for each and every trip of vehicles and that shall be acknowledged by the agency of unloading site. The developer shall maintain record of C&D material transported and shall make it available to MCGM and / or Monitoring Committee whenever required for inspection.
  9. The approval is granted presuming that the papers submitted by the applicants / Owners are genuine. For any dispute arising out of documents submitted by applicant, POA / Occupant / Owner shall be held responsible as prescribed under the law prevailing in force.
  10. The approval granted hereto does not absolve the other approval required from the other department of M.C.G.M. OR Govt. authorities.
  11. In case of disputes, court matters etc. related to the subject site / land / property, this approval cannot be treated as a valid proof.
  12. In case of any breach of condition is brought to the notice of MCGM or Monitoring Committee, Show Cause Notice will be issued and decision will be taken within one month as expeditiously as possible, which shall be binding on you / land owner.
  13. This approval is not a permission for excavation or permission for dumping but this is the only approval under Construction & Demolition Waste Management Plan for the transportation of Construction & Demolition Waste for unloading at designated unloading site.
  14. You / Land owner shall submit valid Bank Guarantee from the bankers approved by the MCGM and the amount applicable as per attached table. The bank guarantee remains valid till grant of Occupation Certificate (OCC).
  15. The license architect / license engineer shall upload compliance report in respect of Construction & Demolition Waste Management Plan, any breach will entitle the cancellation of building permission and work will be liable to stop immediately.
  16. (A) Project Total Estimated Qty (Brass) :29865  
(B) Obtained NOC(s) Total Qty (Brass): 29855

**Note:**

1. The above remarks are system generated based on the input data submitted by Architect / Consultant / L.S and if in future it is found that the data is incorrect / fraudulent then the remark deemed to be treated as cancelled and necessary action will be initiated.
2. The above remarks are system generated and does not require any signatures.
3. This C & D approval is issued subject to obtaining valid IOD / OC. Actual transportation shall begin after obtaining valid IOD / OC only.



Photographs of Green belt





## Photographs of Green belt





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

### FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceding period April to march]

**Unique Application Number:**

MPCB-HW\_ANNUAL\_RETURN-0000036379

**Submitted On:**

15-06-2023

**Industry Type :**

Generator

**Submitted for Year:**

2023

**1. Name of the generator/operator of facility**

M/s. K Raheja Pvt. Ltd.

**Address of the unit/facility**

Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No. 249 & 249 A, 248 B of Worli estate scheme No. 52, Worli, Mumbai

**1b. Authorization Number**

Format 1.0/BO/CAC-cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC- 1808000657 dated 16.08.2018 & Format 1.0/CAC-CELL/UAN No. 0000076911/CE-1912000103 Dated. 04.12.2019 & Format 1.0/CAC-CELL/UAN N

**Date of issue**

Nov 11, 2020

**Date of validity of consent**

Nov 10, 2025

**2. Name of the authorised person**

Mr. Vaibhav Samarth (General Manager - Engineering)

**Full address of authorised person**

M/s. K Raheja Pvt. Ltd Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No. 249 & 249 A, 248 B of Worli estate scheme No. 52, Worli, Mumbai

**Telephone**

09167779454

**Fax**

02226564560

**Email**

vsamarth@kraheja.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
OTHERS	NA as project is for Residential tower building, Multi Storied Public Parking Lot building & Office Building. Residential Building	0.0000	0	--NA--

### PART A: To be filled by hazardous waste generators

**1. Total Quantity of waste generated category wise**

Type of hazardous waste	Waste Name	Consented Quantity	Quantity	UOM
5.1 Used or spent oil	Used Oil or Spent Oil	0.100	0.150	KL/Anum

**2. Quantity dispatched category wise.**

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
5.1 Used or spent oil	0.150	KL/Anum	Recycler or Actual user	Mercury Metal Industries, Mumbai

**3. Quantity Utilised in-house,if any**

Type of Waste	Name of Waste	Quantity of Waste	UOM
5.1 Used or spent oil	Used Oil or Spent Oil	0	KL/Anum

4. Quantity in storage at the end of the year

<b>Type of Waste</b>	<b>Name of Waste</b>	<b>Quantity of Waste</b>	<b>UOM</b>
5.1 Used or spent oil	Used Oil or Spent Oil	0	KL/Anum

5. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

6. Quantity incinerated (if applicable)

<b>UOM</b>
NA

### **PART B: To be filled by Treatment, storage, and disposal facility operators**

	<b>UOM</b>	<b>State Name</b>
1.Total Quantity received		
NA	KL/Anum	Maharashtra

2. Quantity in stock at the beginning of the year

<b>UOM</b>
NA

3. Quantity treated

<b>UOM</b>
NA

4. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

5. Quantity incinerated (if applicable)

<b>UOM</b>
NA

6. Quantity processed other than specified above

<b>UOM</b>
NA

7. Quantity in storage at the end of the year.

<b>UOM</b>
NA

### **PART C: To be filled by recyclers or co-processors or other users**

1. Quantity of waste received during the year

<b>Waste Name/Category</b>	<b>Country Name</b>	<b>State Name</b>	<b>Quantity of waste received from domestic sources</b>	<b>Quantity of waste imported (if any)</b>	<b>Units</b>
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

<b>Waste Name/Category</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

3. Quantity of waste recycled or co-processed or used

<b>Name of Waste</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

<b>Name of product</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

5. Total quantity of waste generated

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
----------------------------	-----------------	------------

NA	NA	KL/Anum
6. Total quantity of waste disposed		
<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum
7. Total quantity of waste re-exported (If Applicable)		
<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum
8. Quantity in storage at the end of the year		
<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum
9. Quantity disposed in landfills as such and after treatment		
<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum
10. Quantity incinerated (if applicable)		
	<b>UOM</b>	
NA	KL/Anum	
Personal Details		
<b>Place</b>	<b>Date</b>	<b>Designation</b>
Mumbai	2023-06-15	General Manager - Engineering





168	6/10/22	MH01	MH002006200020	19-08-2022	19-08-2022	Subash	Subash P.	
169	10/10/22	MH43	MH00080047	26-02-22	25-1-23	NSRU ABBE Transport	Lallu Ram	
170	11/10/22	MH01	MH00480025	01/05/22	30/11/23	Bridge service	Bhima Ram	
171	12/10/22	MH01	MH0010057000	09/05/22	06/01/23	Lekhan T	Lekhan Yadav	
172	13/10/22	MH01	MH0010057000	18/10/22	13/11/23	Agnes Imps Ammapuram	Subash P.	
173	14/10/22	MH06	MH00030248	31/10/22	30/10/23	Vijay Transport	Javed	
174	15/10/22	MH01	MH00100093000342	15/04/22	14/04/23	Subash Transport	Subash P.	
175	16/10/22	MH01	MH01301120007822	19/10/22	18/04/23	TTC. Express	Rising motor	
176	18/10/22	MH03	MH00300880005458	15/09/22	13/09/23	W. Eco Transport	Maya Bool	
177	19/10/22	MH05	MH00301220009126	21/04/22	20/04/23	Ray Transporting	Rajesh	
178	20/10/22	MH01	MH00470060002124	22/12/22	21/12/23	Abhis Transport	Rajiv	

179	21/10/22	MH03 DU-0544	MH0010123077	21/10/2022	20/10/2023	Amit Transport	Ramesh Bhal	<i>[Signature]</i>
180	22/10/22	MH11 CH-6089	MH0480066 0001336	26/09/21	23/09/22	Nilesh Transport	Nilesh	<i>[Signature]</i>
181	23/10/22	MH01 CV-2894	MH001005910001663	11/04/22	10/04/23	Mubaraiz Transport	Satish	<i>[Signature]</i>
182	25/10/22	MH04 KF-8444	MH0040285000 1250	23/11/21	22/11/2022	Sayance Transport	Tuber	<i>[Signature]</i>
183	29/10/22	MH03 CV-8304	MH0046023000 5066	05/02/22	4/2/22	Transvel Transport	Suresh Gupta	<i>[Signature]</i>
184	28/10/22	MH01 DR 3646	MH00100340051 035	2/5/22	01/05/2023	Mihir Transport	Pharmacy	<i>[Signature]</i>
185	29/10/22	MH02 ER7422	MH0020011000510105	05/01/25	04/01/23	Siddhath f.	Rajee	<i>[Signature]</i>
186	30/10/11	MH48AY 3010	MH001007000919	29/12/2021	28/12/2022	Mahina Transport	Rajesh	<i>[Signature]</i>
187	21/10/22	MH4RAY 5112	MH048009800	29-10-21	22-11-2022	H.T.C. P. L.T.O	Kashu Cheema	<i>[Signature]</i>
188	01/11/22	MH43BP 8245	MH1049005200519 05094	19-09-22	16-09-23	Sai Trading	Ranjeet Ka	<i>[Signature]</i>
189	02/11/22	MH14 GV 0093	MH04015100027 60	04-03-22	03-03-23	Rohit Transport	Sandeep Kumar	<i>[Signature]</i>
190	03/11/22	MH01 DR 0265	MH0040277000271	30/01/20	4/05/25	S.K. Transport	Manif	<i>[Signature]</i>

191	05/11/22	MH01CV	MH0070008205	11/02/22	10/02/23	Kapur Transport	Shamin	Sh	PLC
			<del>MH0070008205</del>						
192	07/11/22	MH01CQ	MH00100840602472	20/01/22	19/01/23	Sharu Transport	Asadur Ali	As	PLC
			1680						
193	09/11/22	MH08BM	<del>MH00663000526</del>	9/10/22	08/04/23	Pavun Transport	Pavan	P	PLC
			0869						
194	10/11/22	MH08BQ	MH0480013001639	23/9/22	22/03/23	New. Seku moyse	Sanyu yadav	M	PLC
			0805						
195	11/11/22	MH09GK	MH003000000052	15/11/22	14/01/23	Shahk Transport	Abdull	sh	PLC
			5886						
196	12/11/22	MH07DS	MH00100300001323	18/01/22	17/01/23	Soy Transport	Rakesh	R	PLC
			0354						
197	13/11/22	MH01CV	MH00100570001663	11/01/22	10/04/23	Kham Transport	Akil	A	PLC
			2596						
198	14/11/22	MH04KV				Asadalm			PLC
			8483						
199	15/11/22	MH03	MH003021800	21/12/21	20/12/22	Siyh Gumpal Mahabub sy	Siyh	S	PLC
			00629						
200	16/11/22	<del>MH04</del>	<del>MH0470413000081292</del>	21/12/21	21/12/22	Uyge Transport	M. Hassan	S	PLC
			2291						
			NO.64						
201	17/11/22	MH04	MH040460133	20/10/22	21/10/23	Yadav Road line	Rakesh yadav	R	PLC
			FA1611						
			0006393						
202	18/11/22	MH48	MH0020663	11/09/18	10/09/24	Mehna Faisal Shivam Guron	Su	S	PLC
			A47189						
			0003039						

203	18/11/22	MH02F	MH04700040003518	12/10/22	12/3/23	Gadgaon Transport	Sudhir	Sudhir
		2831						
204	19/11/22	MH04H	MH00100570001671	15/10/22	14/10/22	Jiya Transport	Ramesh	Ramesh
		2810						
205	20/11/22	MH08P	MH0430026000055F	14/10/22	13/10/23	Dattaguru Transport	Anantaram	Anantaram
		3137						
206	22/11/22	MH01	MH0001201209	01/05/2022	30/04/2023	Choudhary Transport	Ramprikash	Ramprikash
		DR3650	0000399					
207	23/11/22	MH43	MH000300	20/01/2022	25/01/2023	NEW ARBE Transport	Lalluram	Lalluram
		AD9085	470003697					
208	23/11/22	MH48	MH000200	16/08/22	15/10/23	Cafe Frangipani	M. Nushal	M. Nushal
		AG5074	50004926					
208	24/11/22	MH02	MH00030081	19/10/22	18/09/23	Yadav Transport	Subhash Yadav	Subhash Yadav
		PT1949	0003939					
209	25/11/22	MH02V	MH0100160002612	17/02/22	16/02/23	Budhuan Transport	Prasad Yadav	Prasad Yadav
		4952						
210	26/11/22	MH05F	MH04700065	06/05/21	05/04/23	Ni Play Centre	Sakundho	Sakundho
		GR993	00009165					
211	27/11/22	MH01	MH0010091000	30/3/22	29/3/22	Sureshchans T.	Dilip Yadav	Dilip Yadav
		CR7880	2450					
212	28/11/22	MH09	MH000048249	24/06/22	24/06/23	Shiv Sakhi Jambho Sewer Service	Sandeep	Sandeep
		09411						
213	02/12/22	MH02	MH0480064	01/10/21	30/09/23	P Anand Transport	J.N Pandey	J.N Pandey
		PT1386	0004149					

214	30/11/22	MH50	MH0470112	08/12/21	07/12/22	UNIQ Transport	M. Hasan	57	Approved
		N0614	00002791			Mishk Train	veer Bahadur	60	Approved
215	01/12/22	MH05	MH0200235000	12/10/22	11/10/23				
		DR1944	3264						
216	02/12/22	MH06	MH04181200011	21/10/22	8/04/23	Pawan - T	Pawan Singh	60	Approved
		PM 9862	240196						
217	23/12/22	MH147	MH0600K30002952	06/04/23	27/04/23	Neka Transport	Ratish Sachdev	60	Approved
		AS 2973							
218	24/11/22	MH034	MH0020160000260	16/02/22	16/02/24	Ushar Transport	Sadama Khan	60	Approved
		HD 2452							
219	05/12/22	MH601	MH04300097	25/10/22	29/02/23	Fan Home - T	Rahul	60	Approved
		DA 9956	0009905						
220	6/12/22	MH0205	MH002013000000	04/04/22	03/04/2023	Prambale - T	Uttar Yadav	32114	Approved
		CR 277	86						
221	07/12/22	MH045	MH0020115001801	27/09/22	26/03/23	Iscones Transport	Sibaji	60	Approved
		RT 51							
222	08/12/22	MH0846	MH0480126000469	05/09/22	04/09/23	Patil Transport	Dharmendra	60	Approved
		0398							
223	01/12/22	MH4841	MH0400123000000	5/10/22	11/12/23	SARASH	Sandeep T.	60	Approved
		0369							
224	11/12/22	MH02	MH02200927	27/09/21	20/08/22	Shalash - T	Akshay	60	Approved
		CR 889	0308151						
225	12/12/22	MH01	MH0020183	10/11/22	09/11/23	Shalash - T	Satish	60	Approved
		NR 51	NR 51						



226	13/12/22	MH02EG 8829	MH 20101389 7890148	9/10/22	11/12/23	Yas. Hudson.	370274	Alfano
227	14/12/22	MH02ER 7422	MH00200100 12819	05/01/22	04/01/23	Sidharath Parks.	Raju.	Alfano
228	15/12/22	MH03DV 0544	MH001025077	21/01/22	20/10/23	Amir Trans.	Amir	Alfano
229	16/12/22	MH01CV 2546	MH0010057000 1663	11/04/22	10/04/25	KLann Transport	AKLB	Alfano
230	17/12/22	MH08BM 6112	MH0480136000 4583	22/06/22	21/05/23	Vivah Transport	Shadab	Alfano
231	18/12/22	MH048 AY 5112	MH00100007 000919	29/12/21	28/12/22	Hire P Ltd	Kosha charand	Alfano
232	19/12/22	MH08CY 0709	MH0004600 30005066	5/12/21	5/12/22	Tajiswal Transport	SURESH GARUDA	Alfano
233	20/12/22	MH18BY 3010	MH0010007000 319	2/11/21	28/12/22	Mahim Transport	RASHM	Alfano
234	21/12/22	MH1477 6300	MH047009 00002377	31/10/21	29/10/22	Ram Transport.	Sachin	Alfano
235	22/12/22	MH10PP 0650	MH0020181 0000319	1/05/22	30/04/23	Chetan Transport	Salman	Alfano
236	23/12/22	MH01HD 6749	MH0020126 0000835	31/09/22	29/09/23	S.K. Transport.	Haroid.	Alfano
237	24/12/22	MH102FG 2531	MH048000 3513	12/03/22	12/03/23	Premar Transport	Yogesh	Alfano

238	25/12/22	MH43	MH04700360	4-3-22	3-3-23	Yadav Transport	Pinda	Fuel	differs
		BQ4405	002388						
239	26/12/22	MH06	MH000248	8/12/22	9-10/23	Vijay Transport	Tived	25-	differs
		BQ4561	0000242						
240	27/12/22	MH04	MH00201100	19/12/22	18/01/23	Ramesh Transport	Ranoot	21/1/23	differs
		JU 5189	001042						
241	28/12/22	MH05	MH0030058	<del>24/01/22</del>	<del>24/01/23</del>	RMS Transport	Rajesh	21/21	differs
		EL1930	0005456	21/04/22	20/04/23				
242	29/12/22	MH01	MH007006	23-12-21	23/12/22	Ashu Transport	Raju	22	differs
		OR4584	0007124						
243	30/12/22	MH01	MH003001	26/12/22	25/12/23	M.S. Ravula	Komal Man	2/12/23	differs
		DR0682	0000100	2-22	2-22				
244	31/12/22	MH11	MH0480066	26/12/22	25/01/23	Nilesh T	Nilesh	25	differs
		CH6039	0001336	2-22					
245	02/01/23	MH06	MH0080126000	05-09-22	04-09-23	Rajesh Transport	Chandramohan	20/09/23	differs
		0308	1669						
246	03/01/23	MH03	MH080123000	5-10-22	11-12-23	Rajesh T	Rajesh	20/12/23	differs
		AD0069	0196						
247	04/01/23	MH05	MH007007000	8-11-2022	07-10/2022	Maheshwari T	Ajay Kumar	25/12/22	differs
		HD5053	6840						
248	05/01/23	MH05	MH0030359	13/10/22	13/09/2023	Pahl Transport	Vijay	25/12	differs
		1991	6000162						

249	06/01/23	MH01 CV 2596	MH 00/00 51060 1663	11/04/22	10/04/23	Khan Transport	AKIB	AKIB	diff
250	07/01/23	MH01 DR 3646	MH0010079 0057625	02/05/22	01/04/23	Nikhil Transport	Dhanraj	AKIB	diff
251	09/01/22	MH01 DR 7880	MH0010051 002450	20/03/22	29/03/23	Suveneer T	Dilip Yadav	AKIB	diff
252	10/01/23	MH01 CV 4953	MH0001600 3612	17/02/22	16/02/23	Rajaguru France Part	Pranod Yadav	Pranod	diff
253	11/01/23	MH01 DR 3650	MH 0020131 0000349	01/05/22	30/04/23	Chandhary Transport	Rampyakash	AKIB	diff
254	12/01/23	MH01 CV 8444	MH004028500 1250	23/11/22	22/11/23	Santana Transport	Juber	AKIB	diff
254	14/01/23	MH4801 2545	MH048000000 00288	07/04/22	06/04/23	RAJNEKH T	RAJNEKH	AKIB	diff
255	14/01/22	MH01 48 BM4584	MH002011 70004087	24/12/22	23/12/23	Rohan Transport	Sanjay Kumar	AKIB	diff
256	16/01/23	MH48 BM4584	MH002011 70004087	24/10/22	23/12/23	Roshan Transport	Sanjay Kumar	AKIB	diff
257	18/01/23	MH48 AG 9035	MH048000000 11639	29/09/22	22-03-23	Sonu Moge	Sanjay Yadav	AKIB	diff
258	21/01/23	MH01 CV 0596	MH001003000 1323	18/04/22	20-04-23	Khan Transport	AKIB	AKIB	diff
259	23/01/23	MH01 CV 1611	MH0460133 0006303	20/10/22	21-10-23	Madan Road Transport	Rajesh Yadav	AKIB	diff

266	24.01.23	DDO/H 9807	MH052191000192	18/12/22	17/06/23	Gridia Road works	ROBERT		
261	25.01.23	MH18A6	MH0480126000449	05/09/22	04/09/23	Patial Transport	Chandrasekhar		
262	27.01.23	MH4FY	MH030029500087	01/12/2022	30/11/2023	Sulab Road Lines	Paveen Kumar		
				22.87					
263	29/01/23	MH8KD	MH0460133	18/11/2022	12/11/2023	Saham Transport Service	Praveer		
			8487						
264	30/01/23	MH04	MH0004033	25/01/22	20/01/23	Alexy T	Yusuf		
			CR 3273						
265	31/01/23	MH04	MH0030223	18/01/23	13/01/23	Sugan Transport	Pravin		
			HD6540						
266	02/01/23	MH03C	MH004600	5/10/22	5/12/2023	Saisai Transport	Suresh Gupta		
			9709						
267	03/01/23	MH18AN	MH001000700	29/12/2022	28/12/2023	Mahima Transport	Rajesh		
			2010						
268	04/01/23	DN 09	DD0010000	06/02/22	05/02/23	Plan Sikonki-T	Padeh		
			09806						
269	06/02/23	GT15AT	GT015003700	31/01/23	30/07/2023	Suami Transport	Manoj		
			1207						
270	12/01/23	MH6BM	MH0060058	20/10/22	28/12/23	Kanpa Transport	Satappa		
			3034						
291	14/02/23	MH01DE	MH22103V913	4/9/22	3/9/23	Ken Shine glabar	Abdulsaman Man		
			ISHH						

272	15-2-23	MH01EB 0091	MH04301120010181	15-12-22	14-6-23	Nishar Hing Senia	Akram Khan	Akram	
273	16/02/23	MH01 CV9455 9482	MH0010007000	26/08/22	25/06/23	y.s. Rathiwala	Noor addeu	Noor addeu	
274	17/02/23	MH02 EC 3241 0002497	MH0010132	23/01/22	26/01/23	Salem Press T	Prakash	Prakash	
275	18/02/23	MH 48 BM 455P 0408	MH002011700	24/12/22	28/12/23	Rishabh IT Roshan Technology	Sanjay Kumar	Sanjay Kumar	
276	19/02/23	DN-09 S 9553 90000722	MH004025P	09/04	06/04	shiv sahil Tempo Sena	Laxman Jagu	Laxman Jagu	
277	20/02/23	MH01CR S835	MH0010057000736	04/5/22	08/05/23	Lakhan Transport	Lakhan yadav	Lakhan yadav	
278	21/02/23	MH08BM 9862	MH00100570001654	9/04/22	9/04/23	Pawan Tempo	Pawan	Pawan	
279	22/02/23	MH01CV 9013	MH0010058000294	18/01/22	17/11/23	Ganesh Tempo	<del>Ganesh</del> Ganu	Ganesh	
280	23/02/23	MH01FC 5277	MH002013000086	4/04/22	4/4/23	Bambale Found	Vadgaon yadav	Vadgaon yadav	
281	24/02/23	MH05BL 1990	MH003008000356	21/04/22	20/4/23	Raj Tanager	Rajesh	Rajesh	
282	25/02/23	MH01CV 2524	MH001005710001663	11/04/22	10/04/23	Mubarak Pans.	Safik	Safik	



283	27/02/23	MH04HN	MH0010057000	15/04/22	14/04/23	gino transport	Ramesh	RHS	[Signature]
			2810	1671					
284	28/02/23	MH46BM	MH0060058000	14/04/2022-25/12/2022		CVR Transport	Kaushik	g2020	[Signature]
			3036	1201	29/12/2022				
285	01/02/23	MH48DP	MH04300026000	14/02/22	13/3/23	Dattaguna Trabs	Akraman	[Signature]	[Signature]
			3137	2157					
286	02/03/23	MH01CR	MH0010057000	9/05/22	8/5/2023	Laksh Transport	Lakshmi	[Signature]	[Signature]
			5835	1736					
287	03/03/23	MH01DP	MH00100790057	02/5/22	01/5/23	Milki Transport	Dhanraj	[Signature]	[Signature]
			3645	035					
288	03/03/23	MH04MY	MH0010097000	18/4/22	14/04/23	Jiya Transport	Ramesh	[Signature]	[Signature]
			2810	1671					
289	05/03/23	MH02FG	MH0480136000	04/05/22	3/05/23	Surya Transport	Surya	[Signature]	[Signature]
			3478	4926					
290	06/03/23	MH04GR	MH0010016000	20/06/22	19/06/23	Shiv Shakti Trabs	Shivaji	[Signature]	[Signature]
			3904	3866					
291	08/03/23	MH01CV	MH0010000000	13/06/22	12/06/23	A.S. Trucks Road	Tarun	[Signature]	[Signature]
			4872						
292	09/03/23	UP -11	047R 00911	11/02/23	12/12/24	Shivalik Transport	Sahadud	[Signature]	[Signature]
			CT3315	0401					
293	10/03/23	MH04MY	MH0460183	22/10/22	21-10-23	Padav Roadlines	Rakesh Padav	[Signature]	[Signature]
			FU161	0066343					
294	11/03/23	MH44P	MH005011	24/12/22	22/12/23	Rohaan Transport	Sangay Kumar	[Signature]	[Signature]
			004527	700009088					

295	12/03/23	MH 48 AY 2010	MH001000 7000819	29/12/22	28/12/23	Mahira Transport	Rasesh	29/12/22	28/12/23
296	15/03/23	GJ SAT 8691	MH048038000 4911	14/10/22	13/10/23	Manif Transport	Hahim	14/10/22	13/10/23
297	16/03/23	MH04 GR 3904	MH00100160 003806	13/04/23	12/04/23	A-S Transport	Sofan	13/04/23	12/04/23
298	17/03/23	MH04 HY 2810	MH0005700 01691	13/04/22	14/04/23	Nilesh Transport	Shaneeg	13/04/22	14/04/23
299	18/03/23	MH04 KY 8437	MH0460133 0006293	13/11/22	12/11/23	Sairam Transport	Bharat	13/11/22	12/11/23
300	19/03/23	MH01 DR 3650	MH0020181 0000299	01/05/22	30/04/23	ebewehy Trans	Rampoket	01/05/22	30/04/23
301	20/03/23	MH01 CR 5835	MH00100570 001736	9/05/22	08/05/23	Lakhan Transport	Lakhan	9/05/22	08/05/23
302	21/03/23	MH04 EU 1611	MH0460133 0006393	02/10/22	01/10/23	Yadav Roadline	Rakesh Yadav	02/10/22	01/10/23
303	22/03/23	MH 43 BP 8275	MH04500 52070577	17-09-22	16/09/23	Soni Transport	Rahul	17-09-22	16/09/23
304	23/03/23	MH 06 BU 4661	MH000248 0000242	31/10/22	30/10/23	Vijay Transport	Javed	31/10/22	30/10/23
305	24/03/23	MH01 CR 4904	MH04700 60007004	02/10/22	21/10/23	Anand Transport	Ragu	02/10/22	21/10/23
306	25/03/23	HR 55W 1679	MH0430011 0008098	19/12/22	18/06/23	DUXE Transport	Saim	19/12/22	18/06/23

306

21/02/23

MTH 02

Fg 8117

MTH001 001

600004552

02/02/23

08/02/24

MTH001 001

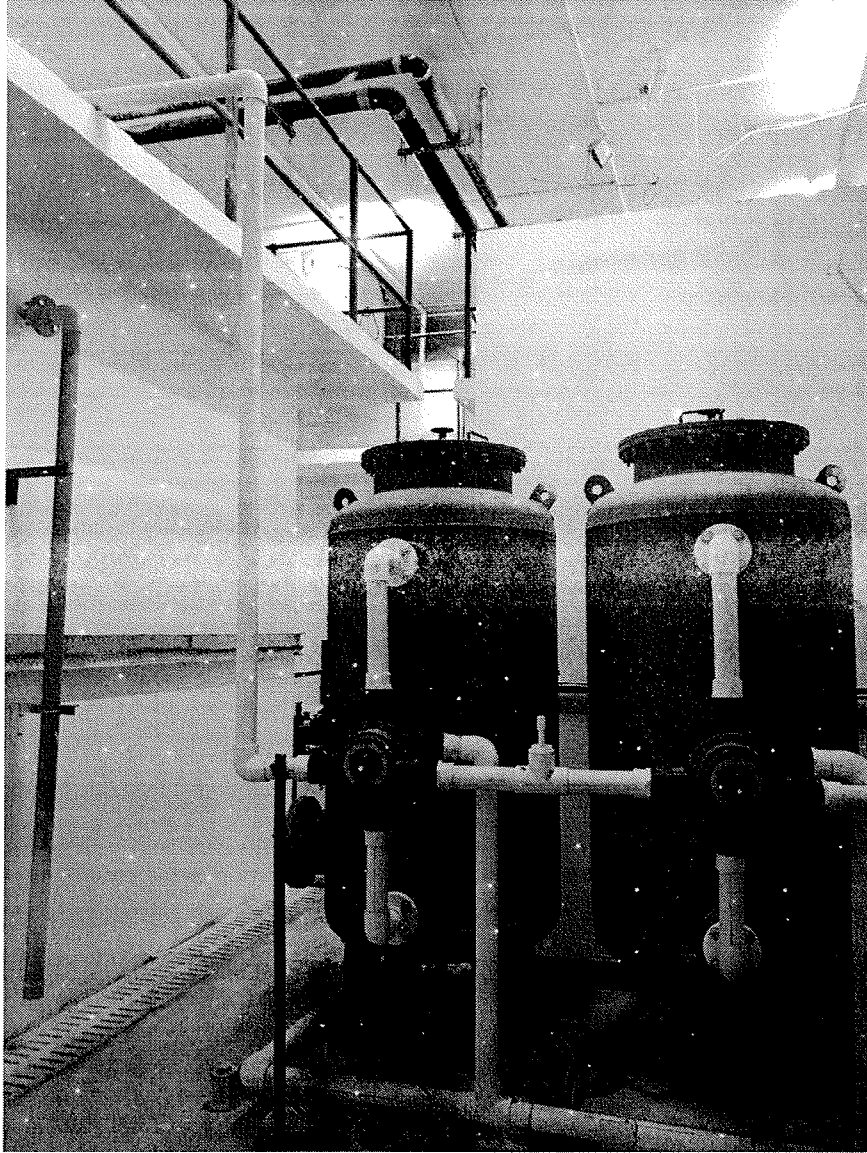
A SMD

600004552

Handwritten signature



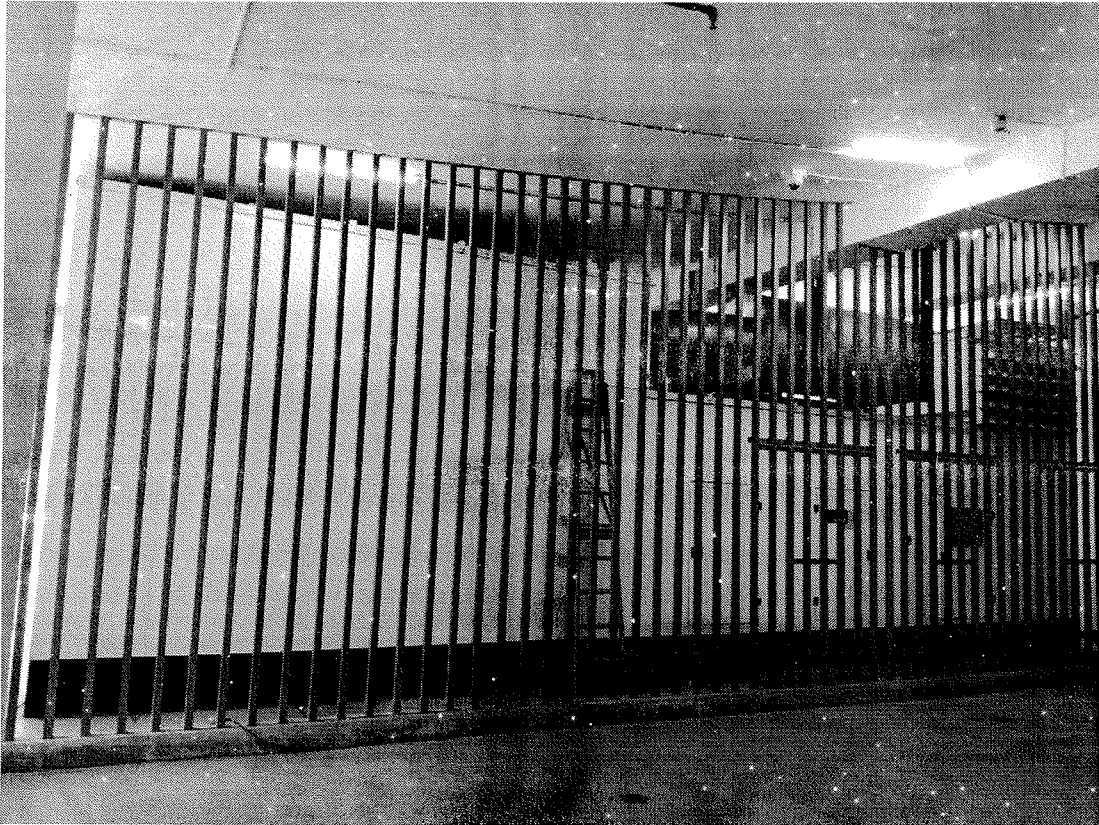
Photograph of STP







**Photograph of DG Set**



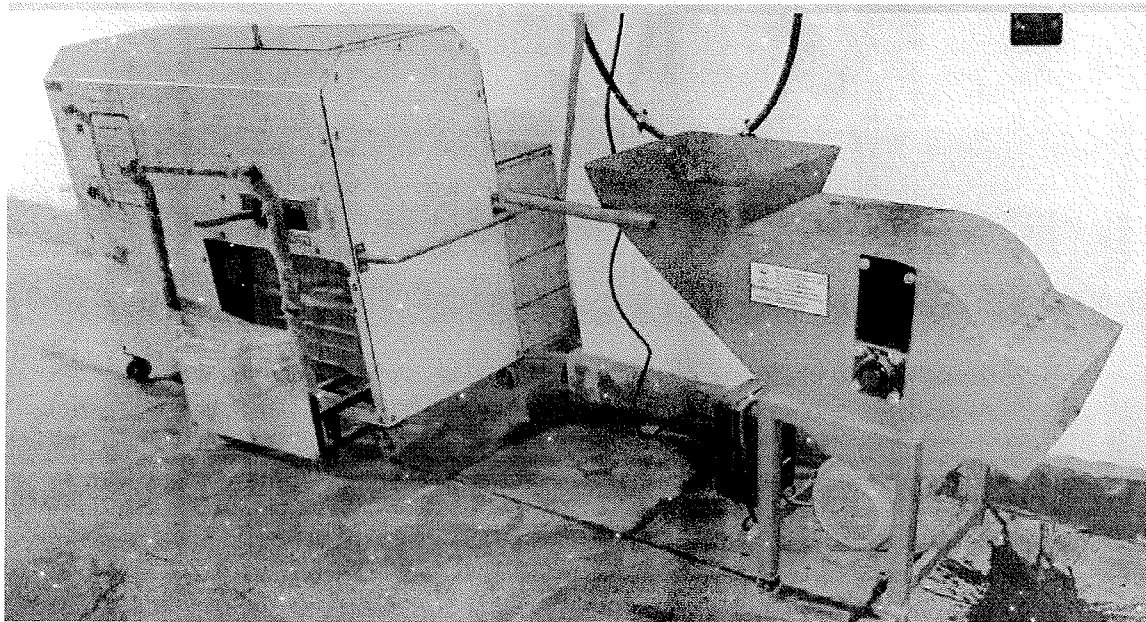


### Details of Organic Waste Converter

#### Nachiket's Semi-Automatic Batch Composting (Model - N30-400)

Organic Waste converter Capacity 400 Kg. /day

Technology - Nachiket's Semi-Automatic Batch Composting (Model - N30-400) with 150 Crates



The organic waste from the houses in general contains food waste from the pre-cooking operation and post cooking remnant or excess food.

The organic waste is inspected for contamination like metal, glass, stone, plastic etc and segregated, then fed into the container of OWC. .

If the material has more moisture content which can be seen by visual observation, then saw dust absorbing media is added into the container upto 30% of the weight of the waste depending on the moisture content in the waste.

The odour control powder along with composting enzymes are added at the dosage rate of 10 gm per kg of waste.

It is a mixed, aerated & agitated and crushed for 10 minutes.

Then container of the OWC is opened and observations are noted. Then the lid of the container is closed and again the OWC is operated for 5 minutes.

After the completion of 15 minutes, the system will stop automatically.

The lid is then opened and the processed material is observed. If it is turned to granular free flowing material, then lid is closed and the system is restarted.

The bottom valve is opened for draining of the material. The material is collected in the trolley placed underneath of OWC System.



For maturing and curing the compost, the material from the trolley is shifted in the crates which have perforation for aeration and then the crate is placed in the curing system.

After 8 – 10 days curing period, the material from the tray can be used for application to the plants or any other mode of usage of manure in the agriculture.

In order to make the granular texture of the material, it is advisable that before using the organic manure from the crates, it should be passed through the OWC System for one minute – 5 minutes.



If you have waste from garden containing pruning's and small branches of the trees upto 2 cm diameter and/or bones, will be required to pass through Shredder before it is placed into the OWC.

#### Technical Spec's

Waste Processing Capacity - 400 Kg per day ( 4 hr working)		
Sr. No	Description	Technical details
1	Model	N30-400-450
2	Composting Method	Micro-organism Based Natural Composting.
3	Time to Convert Waste in to Manure	Approximately 8-10 Days.
4	Operation	Semi - Automatic
5	Drum Size	67 Ltrs
6	Machine Dimensions ( L x W x H ) mm	1450 x 750 x 1100
7	Approx Machine Weight	285 Kg
8	Power Supply	415-440 Volts / 50 Hz, 32 Amp
9	Phase	III Phase
10	Power Rating of Machine	3.5 HP / 2.61 kW
11	Power Consumption	20 Units / Day
12	Motor Make	ABB / Nord / Siemens / CG
13	Motor Rating	2 HP / 1.5 kW
14	Crusher Type	Petal Crusher
15	Crusher Rating	1.5 HP / 1.1 kW
16	Crusher Capacity	100 Kg / Hr ( 4 Hr working )
17	Batch Cycle	15 min
18	Material of Construction ( MoC )	Stainless Steel ( SS 304 )
19	Crushing Speed	2800 RPM
20	Reduced Particle Size	2-4 mm

21	Single Crate Dimensions (L x W x H) mm	560 x 360 x 290
22	Crate Weight Capacity	20-25 Kg
23	Total no of Crates Provided With External Curing System	200 Nos
24	External Curing System Dimensions ( mm )	7900 x 4800 x 2200
25	External Curing System Consists	A rack system to put crates of pre-compost. Precompost is kept for 8-10 days with intermittent spraying of water mist required to speed up the composting process as well as pH correction of the pre-compost

मुंबई, बुधवार, ११ नोव्हेंबर २०२०

१५

**जाहीर सूचना**

मेसर्स के. रवेजा प्रायव्हेट लिमिटेड यांच्या न.मु.क्र. २/१६२९ व १अ/१६२९, लॉअर फ्लोर विभाग व प्लॉट क्र. २४९ व २४९अ, २४९ब वरळी इस्टेट स्कीम क्र. ५२, वरळी, मुंबई येथील रहिवासी टॉवर इमारत, बहुमजली सार्वजनिक वाहनतळ इमारत, कार्यालयीन इमारत व रहिवासी इमारत यांच्या प्रस्तावित विस्तारीकरण प्रकल्पास महाराष्ट्राच्या राज्यस्तरीय पर्यावरण आघात मूल्यांकन प्राधिकरणाच्या क्र. एस्.आय.ए./ एम्.एच./ एम. आय. एस्./४२८३०/२०१८ दिनांक ३१/०३/२०२०च्या पत्राव्ये पर्यावरण विषयक परवानगी मिळाली आहे. या परवानगी पत्राच्या प्रती पर्यावरण विभाग, महाराष्ट्र शासन व महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयात व parivesh.nic.in या संकेत स्थळावर उपलब्ध आहे.  
स्थळ : मुंबई  
दिनांक : ११/११/२०२०

**PULSAR INTERNATIONAL LIMITED**

Regd. Office : Adarsh Laxmi Building, Office No. 3, Sai Babanagar, Navghar Road, Bhayandar (East), Thane - 401101. Tel: 2266 0442/2266 0520, Email: pulsarid@vsnl.net, CIN: 99999MH1990PLC131655

**EXTRACT OF UNAUDITED FINANCIAL RESULTS FOR THE QUARTER ENDED 30TH SEPTEMBER, 2020**

(Rs. in lacs)

	Qrt Ended 30/Sep/20 Unaudited	Qrt Ended 30/Jun/20 Unaudited	Qrt Ended 30/Sep/19 Unaudited	6 Months Ended 30/Sep/20 Unaudited	6 Months Ended 30/Sep/19 Unaudited	Year Ended 31/Mar/20 Audited
I. Total Income	5.16	0.00	2.36	5.16	6.78	16.53
II. Profit before Tax	2.12	-3.54	-7.82	-1.42	-10.57	-9.81
III. Tax Expenses	0.00	0.00	0.00	0.00	0.00	0.00
IV. Net Profit/(Loss) for the period	2.12	-3.54	-7.82	-1.42	-10.57	-9.81
V. Total Comprehensive Income for the period (Comparing Profit/(Loss) and other Comprehensive Income for the period)	2.12	-3.54	-7.82	-1.42	-10.57	-9.81
VI. Equity Share Capital	3 Cr	3 Cr	3 Cr	3 Cr	3 Cr	3 Cr
VII. Earning per equity share	0.07	-0.12	-0.26	-0.05	-0.35	-0.33

**Notes:-**

1. The above standalone quarterly financial results have been reviewed and recommended by the Audit Committee of the Board, has been approved by the Board of Directors of the Company at its meeting held on 10th November, 2020.  
2. As the Company's business activity falls within a single primary business segment, namely dealing in Mutual Fund Unit, the disclosure requirements as per Ind-AS 108 "operating segments" are not applicable.

By Order of the Board of Directors  
For Pulsar International Ltd.  
Sd/-

Mahesh, Ratilal, Shah  
Managing Director  
DIN: 68217516

Place: Mumbai  
Date: 10.11.2020

ADITYA BIRLA



HINDALCO

**HINDALCO INDUSTRIES LIMITED**

Regd. Office : Ahura Centre, 1<sup>st</sup> Floor, B - Wing, Mahakali Caves Road, Andheri (East), Mumbai 400 093.  
Tel No. 6691 7000 Fax No. 6691 7001 | Email: hindalco@adityabirla.com | CIN No.: L27020MH1958PLC011238  
Website: www.hindalco.com & www.adityabirla.com

**EXTRACT OF STATEMENT OF CONSOLIDATED UNAUDITED FINANCIAL RESULTS FOR THE QUARTER AND SIX MONTHS ENDED SEPTEMBER 30, 2020**

(₹ in Crore, except otherwise stated)

Particulars	Quarter Ended			Six Months Ended		Year Ended
	30/09/2020	30/06/2020	30/09/2019	30/09/2020	30/09/2019	31/03/2020
	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)	(Audited)
Revenue from Operations	31,237	25,283	29,657	56,520	59,629	1,18,144
Profit/(Loss) before Exceptional Items and Tax	2,351	(181)	1,748	2,170	3,326	6,208
Profit/(Loss) before Tax	2,422	(600)	1,492	1,822	3,048	5,924
Profit/(Loss) for the Period from Continuing Operations	1,785	(569)	974	1,216	2,037	3,767
Profit/(Loss) for the Period from Discontinued Operations	(1,398)	(140)	-	(1,538)	-	-
Profit/(Loss) for the Period	387	(709)	974	(322)	2,037	3,767
Total Comprehensive Income/(Loss) for the Period	1,249	182	(1,084)	1,431	(458)	1,044
Build-up Equity Share Capital (Net of Treasury Shares)	222	222	222	222	222	222
Face value ₹ 1/- per share)						
Other Equity				59,415	56,519	58,085
Dividends Per Share						
Basic - Continuing Operations (₹)	8.03	(2.56)	4.38	5.47	9.16	16.94
Diluted - Continuing Operations (₹)	8.03	(2.56)	4.37	5.47	9.15	16.93
Basic - Discontinued Operations (₹)	(6.29)	(0.63)	-	(6.92)	-	-
Diluted - Discontinued Operations (₹)	(6.29)	(0.63)	-	(6.92)	-	-
Basic - Continuing and Discontinued Operations (₹)	1.74	(3.19)	4.38	(1.45)	9.15	16.94

एक  
ज

धर्त माहता  
रमाव करणे  
या दोन-चार  
वेगवेगळ्या  
न सुरु होते.  
चे गेल्या तीन  
थकले होते.  
प्रीसाठी एका



**DISCLAIMER**

The Free Press Journal does not vouch for the authenticity or veracity of the claims made in any advertisement published in this newspaper. Readers are advised to make their own inquiries or seek expert advice before acting on such advertisements.

The printer, publisher, editor and the proprietors of the Free Press Journal Group of newspapers cannot be held liable in any civil or criminal court of law or tribunal within India or abroad for any alleged misleading or defamatory content or claim contained in any advertisement published in this newspaper or uploaded in the e-paper on the official website. The liability is solely that of the advertiser in which The Free Press Journal has no role to play.

**CHANGE OF NAME****NOTE**

Collect the full copy of Newspaper for the submission in passport office.

I HAVE CHANGED MY NAME FROM SHAIKH SOFEYA FAREED TO SOFEYA FARID SHAIKH AS PER GOVT. OF MAHA GAZETTE. NO. (M-2048365) DATED: 4TH NOV 2020. CL-110480

I HITHERTO KNOWN AS PANDURANG SON OF SATYAWAN TAWADE EMPLOYED AS POSTAL ASSISTANT IN THE INDIA POST. Q/O THE DIRECTOR, MUMBAI GRO. MUMBAI - 400001, RESIDING AT A/205, KESHAV APARTMENT, SIDDHARTH NAGAR, VAKOLA, SANTACRUZ - EAST, MUMBAI 400055 HAVE CHANGED MY NAME AND SHALL HEREAFTER BE KNOWN AS PANDURANG SATYAWAN TAWADE. VIDE MAHARASHTRA GAZETTE PUBLICATION NO. M-2049029, DTD. 29.10.2020 - 04.11.2020. CL-110485

I HAVE CHANGED MY NAME FROM ARCHANA PANDURANG YADAV TO SUAD MOHAMMED GOUS SHAIKH AS PER DOCUMENT. CL-843

I HAVE CHANGED MY NAME FROM BILAL SAIFFE TO MOHAMMED BILAL AKRAM SAIFFE AS PER ADHAR CARD NUMBER 948732355555. CL-855

I HAVE CHANGED MY NAME FROM AMIYABHUSHAN SATYANARAYN KUSHWAHA TO MY NEW AND CORRECT NAME AMIYBHUSHAN SATYANARAYN KUSHWAHA AS PER ADHAR CARD NO.694777838295. CL-475

I HAVE CHANGED MY NAME FROM VISHVA VARMA THANKAPPAN TO VISHVAVARMA THANKAPPAN PANIKAR AS PER THE AFFIDAVIT. CL-639

I HAVE CHANGED MY NAME FROM MEENABEN VIJAY PATEL TO MINALDEVI MANGU AD.86 CHHEDA FALIYA PATLARA MOTI DAMAN 396220. CL-630

I HAVE CHANGED MY NAME FROM PATEL DIYAKUMARI VIJAYBHAI AND PATEL DIYA VIJAY TO DIYA VIJAYKUMAR PATEL AD.148 TAD FALIYA KARAMBELI

**PUBLIC NOTICE**

**BEWARE!** - This is to notify you that RKS Security India Private Limited (Upstox) has come across cases wherein a certain non bonafide group is pretending to offer a job in Upstox & is asking for your PAN & Aadhar details in exchange. Kindly DO NOT share your PAN or Aadhar details with anyone pretending to offer you a job at Upstox. This is a scam. The authentic HR team at Upstox does not ask for these documents unless it is your date of joining at Upstox. You can go ahead and apply for a job by visiting careers page [www.upstox.com/careers/](http://www.upstox.com/careers/) You can also write to [scamcheck@rksv.in](mailto:scamcheck@rksv.in) for any concerns.

For  
RKS Securities  
India Private Limited  
(Upstox)

Date: 11/11/2020

**PUBLIC NOTICE**

NOTICE Anusuya R. Ganatra a Member of the Unnat Nagar Akshay Co-operative Housing Society Ltd. having address at Unnat Nagar No.1, M.G. Road, Goregaon (West), Mumbai - 400104 and holding flat/tenement No 649 in the building of the society, died on 31/12/2019 making nomination.

Mr. Vijaykumar V. Suchdev had made the application for transfer of share certificate under Bye-Laws No. 34 in his name.

The society hereby invites claims or objections from the heir or heirs or other claimants/ objector or objectors to the transfer of the said shares and interest of the deceased member in the capital/property of the society within a period of 15 days from the publication of this notice, with copies of such documents and other proofs in support of his/her/their claims/objections for transfer of shares and interest of the deceased member in the capital/property of the society. If no claims/objections are received within the period prescribed above, the society shall be free to deal with the shares and interest of the deceased member in the capital/property of the society in such manner as is provided under the bye-laws of the society. The claims/objections, if any, received by the society for transfer of shares and interest of the deceased member in the capital/property of the society shall be dealt with in the manner provided under the bye-laws of the society. A copy of the registered bye-laws of the society is available for inspection by the claimants/objectors, in the office of the society/with the secretary of the society between 11 am to 4 pm. from the date of publication of the notice till the date of expiry of its period.

For and on behalf of  
Unnat Nagar Akshay Co-operative Housing Society Ltd.  
Sd/- Hon. Secretary

Date: 11/11/2020 Place: Mumbai

SAI PRASANNA CO-OP HSG. SOC. LTD. situated at plot No.1132/1133, Shahabji Village, Belapur, Sector 19 invites Expression of Interest from **PROJECT MANAGEMENT CONSULTANCY SERVICES** for repairing work of our Society Buildings consisting of 31 flats on a 1680.30 sq. Mtrs. Plot area.

Expression of Interest may be submitted within one week's time from today.

Contact persons: Mr. Laxmana Swamy - Cell no. 9892417948.

Mr. Unnikrishnan Nair - Cell No. 9137058474.

**Public Announcement**

The project for Expansion of proposed Residential Tower building, Multi Storied Public Parking Lot Building, Office Building & Residential building on plot bearing CS No. 2/1629 & 1A/1629 of Lower Panel Division, Plot No. 249 & 249A, 249B of Worli Estate Scheme No. 52 Worli, Mumbai by M/s. K. Raheja Private Limited has been accorded Environmental Clearance by State Level Environment Impact Assessment Authority, Maharashtra vide letter No. SIAMH/MIS/42830/2018, dated 31<sup>st</sup> March 2020. Copies of the said Environmental Clearance are available with Environment Department, Government of Maharashtra and Maharashtra Pollution Control Board and on the website [parvesh.nic.in](http://parvesh.nic.in)

Place: Mumbai  
Date: 11/11/2020

**PUBLIC NOTICE**

Notice is hereby given that 1) MR. MOHAN PADMANABHA KURUP & 2) MRS. LEKHA MOHAN KURUP are seized & possessed of and/or sufficiently entitled of a premises viz. Gala No.003, Ground floor, Building No.2, Unico Industrial Park Building No.2 Premises Co-op. Soc. Ltd., Nr. Jain Mandir, Tungreshwar Phata, Sativali, Vasai (E), District Palghar, M.S., Pin 401208, (hereinafter referred to as "the said Gala") and also holding shares therein. That the said 1) Mr. Mohan Padmanabha Kurup & 2) Mrs. Lekha Mohan Kurup have lost/misplaced the original title documents in respect of the said Gala.

All person having any claim, right, title and interest against or to the said Gala or the shares in respect thereof or any part thereof either by way of mortgage, sale, gift, inheritance, agreement, lease, lien, charge, trust, maintenance, easement, possession or by virtue of any testamentary or non-testamentary document/s or by virtue of succession, adoption, any suit, litigation, dispute, decree, order, injunction, restriction, covenants, statutory order, notice/award, notification or otherwise howsoever, are hereby called upon and required to make the same known in writing with due evidence and detailed particulars thereof at our office at 101, Shree Vallabh

**THE NOTICE** is given to the children of Suresh Mahtani and her two children Suresh Mahtani and Co-operative Housing Skyscraper Building to transmit her share No. 250 comprising 270 (both inclusive) building known as described in the Hotchand Mahtani co-owners/joint Shares. On account of his wife Mrs. Kamal children have made on the aforesaid

Mr. Kumar Mathra (alias Renu Mahtani, since deceased Mahtani and Mrs. have inherited the equal proportion.

Thus, as on date children namely P and Mr. Kumar Daryanani (alias respective share succession.

All or any person and/or interest in the flat, by way of sale possession, inheritance howsoever is/are writing along with support of the clear a period of 15 days all such claims, waived and/or able to process the others and transfer

Share Certificate Distinctive Nos. 2 Co-operative Housing 22nd floor address car park space Skyscraper Building Ltd., being C. situated at 74, B

Place: Mumbai  
Date: 11th Nov

Notice is Kashinath Des No. 60/6(part) described in

वृत्तराशि  
मुंबई, सोमवार, १२ जून २०१७

## CHANGE OF NAME

## NOTE

Collect the full copy of Newspaper for the submission in passport office.

I, MALABIKA GORACHAND GHUI, HAVE CHANGED MY NAME TO MALVIKA GORACHAND GHUI AS PER GAZETTE NO: (X-75488) DATED: 07/02/2013. CL-60517

I, AJAY VIJAY SINH RAGHUWANSHI HAVE CHANGED MY NAME TO AJAY VIJAYSINGH RAGHUWANSHI AS PER AFFIDAVIT NO: PS490969 DATED: 03/08/2017. CL-60519

I HAVE CHANGED MY NAME FROM DEESHA NITINKUMAR CHAUHAN TO DEESHA JAY METHIWALA AS PER GOVT. GAZETTE (P-176739). CL-60520

I HAVE CHANGED MY NAME FROM EVELINA HELEN JOANA FERNANDES TO EVELINA HELEN NAZARETH AS PER GOVT. OF MAHA. GAZETTE NO: M-1723981 DATED: JUNE 08-14, 2017. CL-60521

I HAVE CHANGED MY NAME FROM JOANNA / JUANA MENDES / MENDEZ TO JOANA MENDES AS PER GOVT. OF MAHA. GAZETTE NO: M-1723994 DATED: JUNE 08-14, 2017. CL-60521 A

I HAVE CHANGED MY NAME FROM LUDVIN IGNATIUS PEREIRE TO LOURDES IGNATIUS PEREIRA AS PER GOVT. OF MAHA. GAZETTE NO: M-1721429. CL-50522

I HAVE CHANGED MY OLD NAME DENGIL FRANCIS CORREA TO NEW NAME DENZIL FRANCIS CORREA AS PER AFFIDAVIT DATED 03 MAY 2016. CL-125

I HAVE CHANGED MY NAME FROM GIRISH KUMAR SINGH TO GIRISH R. SINGH AS PER AFFIDAVIT - (SG 960717) DATED 9TH JUNE 2017. CL-163

I HAVE CHANGED MY NAME FROM MRS. SUMATHI BAI M. TO MRS. SUMATI PANDURANG NAYAK AS PER AFFIDAVIT DATED 6TH JUNE 2017. CL-242

I HAVE CHANGED MY NAME FROM

जनतेला मूचना याद्वारे परिशिष्टात अधिक विषये स्थावर निळकतीच्या नोंदणीकृत कार्यालय अहिरानवानी लिंक रोड, अवशिष्ट भाडेपट्टाधारक आणि त्यामुळे आमं करण्यासाठी आणि सरासरी व्यक्ती ज्यांचा विकासक, सितसंबंध परवाना, प्रभार, वकील कच्चा, धारणाधिकार, कुळवहिवाद, पोट-व अन्यथा कोणत्याही संदर्भात किंवा इतर दिवसांत निमनवासी मुंबई - ४०० ०५८ येथे करण्यात येत आहे. व अशील व्यवहार पूर्ण कळविलेला कोणाचा त्यागित, पारित्यागित,

ठाणेच्या जिल्हा आरोग्यशाखा, नेरुळ रोड ११७ धारक मोजमात ते भाग आणि विभाग उत्तरेला किंवा त्या किंवा दक्षिणेला किंवा त्या पश्चिमेला किंवा त्या पूर्वेला किंवा त्या किंवा सरदर ६ जून, २०१७

## "जाहीर सूचना"

महाराष्ट्र राज्यस्तरीय पर्यावरण आघात मुल्यांकन समितीने मे. के. रहेजा प्रा. लि. यांच्या भूखंड क्र. २/१६२९ आणि १अ/१६२९, लोअर परेल विभाग, भूखंड क्र. २४९ आणि २४९अ, २४८ब, वरळी इस्टेट स्कीम नं. ५२, वरळी, मुंबई येथील रहिवासी इमारत व सार्वजनिक वाहनतळ या प्रकल्पासाठीच्या फेरबदलास SEAC-2016/C.R.-424/TC-1 दिनांक १२ मे, २०१७ द्वारे पर्यावरण संमती दिलेली आहे. सदर पर्यावरण संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच महाराष्ट्र सरकारच्या ec.maharashtra.gov.in या संकेतस्थळावर उपलब्ध आहे.

राष्ट्रीय कंपनी किरीट न्यायाधिकरणासमोर  
मुंबई खडपीठ  
कंपनी घांजना अर्ज क्र. ३६९/२०१७

कंपन्या कायदा, २०१३ (२०/२०१३) च्या प्रकरणी

कंपन्या कायदा, २०१३ चे अनुच्छेद २३० व २३२ व कंपनी कायदा, १९५६ सार्वत्रिक कंपनी कायदा, २०१३ च्या अन्य संलग्न तरतुदी, यांच्या प्रकरणी

मोहिनी रिसोर्स प्रायव्हेट लिमिटेड (एफआरपीएल वा हस्तांतरक कंपनी)चे निवाड ट्रेड प्लेचर प्रायव्हेट लिमिटेड (आरटीसीपीएल वा हस्तांतरिती कंपनी) व त्यांचे संबंधी भागभाक्क शब्दांच्या वित्तीयकणाच्या प्रकरणी

मोहिनी रिसोर्स प्रायव्हेट लिमिटेड, कंपनी कायदा, २०१३ च्या )  
तरतुदीअंतर्गत संस्थापित एक कंपनी, स्थानिक नोंदणीकृत )  
अर्जाद्वारा घांजना - मोहिनी रिसोर्स अ. २, २४२ मजला, )  
वित्तीयकणास न्यायाधिकरण, अंतर्गत (पूर्व), मुंबई - ४०० ००८ ) अर्जदार कंपनी (हस्तांतरक कंपनी)

मोहिनी रिसोर्स प्रायव्हेट लिमिटेड, अर्जदार कंपनीच्या  
समभागधारकांच्या सभेची सूचना व सूचनेची जाहिरात

सूचना घांजना देण्यात येत आहे की, अर्जदार दि. ७ जून, २०१७ द्वारे मोहिनी रिसोर्स प्रायव्हेट लिमिटेड (एफआरपीएल वा हस्तांतरक कंपनी)चे निवाड ट्रेड प्लेचर प्रायव्हेट लिमिटेड (आरटीसीपीएल वा हस्तांतरिती कंपनी) व त्यांचे संबंधी भागभाक्क शब्दांच्या वित्तीयकणाच्या बाबतच्या विविध प्रस्तावित व्यवहार विचारविनिमय करणे व वाद वाटल्यास मुद्रासंश्लेष वा सुधारणेच्या मजुरी देण्याकरिता राष्ट्रीय कंपनी किरीट न्यायाधिकरणाच्या मुंबई खडपीठने अर्जदार कंपनीच्या समभागधारकांची सभा आयोजित करण्याचे निर्देश दिले आहेत.

सदर अर्जदार व त्याअंतर्गत वित्त निर्यातच्या अनुदानास पुढे सूचना देण्यात येत आहे की, अर्जदार कंपनीच्या समभागधारकांची सभा सोमवार, दि. १९ जून, २०१७ रोजी सा. १०.०० वाजता मुंबईमधील वित्तीय क्र. २, २४२

THE FREE PRESS JOURNAL  
MUMBAI | MONDAY | JUNE 12, 2017

"PUBLIC ANNOUNCEMENT"  
"K RAHEJA PVT. LTD."

The amendment in environmental clearance for proposed Residential Tower Building and Multi Storied Public Parking Lot Building on Plot bearing C.S. No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248 B of Worli Scheme No. 52, Mumbai, by K. Raheja Pvt. Ltd., been accorded Environmental Clearance by State Environmental Impact Assessment Authority of Government of Maharashtra vide Letter No. SEAC-2016/C.R.424/TC-1 dated 12.05.2017. The copies of Environmental Clearance Letter are available with Maharashtra Pollution Control Board and may also be seen on Environment Department Govt. of Maharashtra website at <http://ec.maharashtra.gov.in>.



महाराष्ट्र आरोग्य विज्ञान विद्यापीठ, नाशिक  
MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK  
Mhasrul, Dindori Road, Nashik - 422 004.  
Tel : (0253) 2539236/162  
Email: [registrar@muhs.ac.in](mailto:registrar@muhs.ac.in), [civil@muhs.ac.in](mailto:civil@muhs.ac.in),  
Website: [www.muhs.ac.in](http://www.muhs.ac.in)

## E-TENDER NOTICE NO. CIVIL/017/2017-18

Maharashtra University of Health Sciences, Nashik invites e-tender for preparing temporary cricket ground (As per Drawing) near FTI Building in MUHS Campus, Nashik Tender form, fee, EMD, detail terms and conditions are available on website of <http://mahatenders.gov.in>. University authority reserve right to accept or reject any or all tender without giving any reason.

(Dr. K. D. Chavan)  
Registrar,  
MUHS, Nashik.

Date : 12/06/2017.





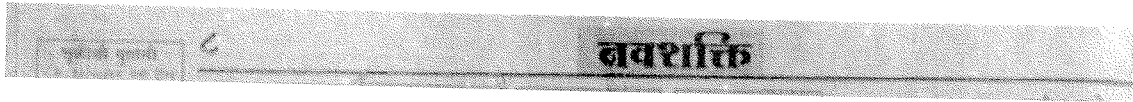
## Advertisement



**the pressjournal.in** MUMBAI

**PUBLIC ANNOUNCEMENT**

The proposed "Composite Building with Residential Wing and a Municipal Public Parking Lot" at C. S. No. 2/1629 of Lower Parel Division, Plot No. 248 & 249 A of Work Estate Scheme No. 52, O/S Ward, Work, Mumbai by M/s. K. Rebera Pvt. Ltd. has been accorded Environmental Clearance by the Environment Department, Government of Maharashtra vide letter No. SEAC-2010/CR-323/TC-2 dated 22.07.2011. Copies of the said environmental clearance are available with Maharashtra Pollution Control Board and on website of the Environment Department, Government of Maharashtra at <http://sevis.maharashtra.gov.in>



**जाहीर सुचना**

मेसर्स के. रेबेरा प्रा. लि. यांच्या भौ-  
पण क्रमांक २/१६२९ लोअर पार्ल  
विभाग, प्लॉट क्रमांक २४९ व २४९ ए  
वर्क एस्टेट स्कीम क्रमांक ५२,  
ओ/एस वार्ड, वर्क, मुंबई  
संश्लेषित नियोजित निवासी व  
महानगरपालिकेच्या सार्वजनिक  
वाहनतळाची जाहद इबाबत यांच्या  
बांधणीसाठी पर्यावरण विभाग महाराष्ट्र  
शासन यांची पत्र क्रमांक SEAC-  
2010/CR-323/TC-2 दिनांक २२ जुलै  
२०११ अन्वये परवानगी मिळाली  
आहे. या परवानगीपत्राची प्रत पर्यावरण  
विभाग महाराष्ट्र शासन यांच्या [http://  
sevis.maharashtra.gov.in](http://sevis.maharashtra.gov.in) या संकेत  
स्थळावर तसेच महाराष्ट्र प्रदूषण नियंत्रण  
मंडळ यांच्या कार्यालयीय उपलब्ध  
आहे.





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000057371

### Submitted Date

12-09-2023

## PART A

### Company Information

#### Company Name

M/s. K. Raheja Pvt. Ltd.

#### Application UAN number

--

#### Address

C.S. No. 2/1629, Plot No. 249 & 249A of Worli Scheme  
No. 52, Lower Parel Division, G/S Ward, Worli,  
Mumbai.

#### Plot no

Plot No. 249 & 249A

#### Taluka

Mumbai

#### Village

Lower Parel Division

#### Capital Investment (In lakhs)

20124

#### Scale

LSI

#### City

Mumbai

#### Pincode

400025

#### Person Name

Mr. Vaibhav Samarth

#### Designation

AVP-Engineering

#### Telephone Number

9167779454

#### Fax Number

0

#### Email

vsamarth@kraheja.com

#### Region

SRO-Mumbai I

#### Industry Category

Red

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

Format. 1.0/CAC-cell/UAN No.  
0000076911/CE 1912000103

#### Consent Issue Date

04.12.2019

#### Consent Valid Upto

30.11.2024

#### Establishment Year

1983

#### Date of last environment statement submitted

Sep 24 2022 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

NA - Building construction project Built up area more than 20,000 sq.mt.

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

### By-product Information

#### By Product Name

NA - Building construction project Built up area more than 20,000 sq.mt.

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

## Part-B (Water & Raw Material Consumption)

**1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	0.00	0.00
<b>Domestic</b>	159.00	135.85
<b>All others</b>	0.00	60.56
<b>Total</b>	159.00	196.41

**2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Daily Quantity of trade effluent from the factory	0	0	CMD
Daily Quantity of sewage from the factory	150	149.03	CMD
Daily Quantity of Treated effluent from factory	0	134.13	CMD

**2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
NA - Building Construction project	0	0	CMD

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
NA - Building Construction project	0	0	Ton/Ton

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD -(for DG Set - 2250 KVA* 1 No. & 250 KVA * 2 No.)	4982	0.408	KL/A

**Part-C****Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)****[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
pH	0	7.19	NA	NA	NA
TSS	0.96	6.41	28.78	20 mg/l	NA
COD	3.18	21.35	57.30	50 mg/l	NA
BOD	1.22	8.16	18.40	10 mg/l	NA

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged (Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
DG (2250 KVA) - TPM	8.12	62.33	58.45	150 mg/ Nm3	NA
DG (2250 KVA) - SO2	5.57	42.69	NA	--	NA



DG (2250 KVA) - NOx	4.03	30.92	NA	--	NA
DG (2250 KVA) - CO	2.79	21.40	NA	--	NA

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0	0.15	KL/A
Other Hazardous Waste	0	0	MT/A

#### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Biodegradable	0	29.27	MT/A
Non -Biodegradable	0	2.52	MT/A

#### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
STP Sludge	0	0	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

#### 1) Hazardous Waste

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	0.15	MT/A	Liquid - Sale to Authorised recycler
Other Hazardous Waste	0	MT/A	Not Applicable

#### 2) Solid Waste

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Biodegradable	29.27	MT/A	OWC followed by composting. Used as manure
Non Biodegradable	2.52	MT/A	Segregate and handed over to Local Body for recycling.
STP	0	MT/A	Not Applicable

## Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
--	0.000	0.000	0.000	0.000	0.00	0.000

**Part-H**

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

**Detail of measures for Environmental Protection**

	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
AMC for OWC, AMC for Environment Monitoring, AMC for STP, Environment Monitoring, Modification	--	15.22

[B] Investment Proposed for next Year

**Detail of measures for Environmental Protection**

	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
AMC for OWC, AMC for Environment Monitoring, AMC for STP, Environment Monitoring, Modification	--	16.75

**Part-I**

Any other particulars for improving the quality of the environment.

Particulars

Residential Building is designed as Green building. The company maintains green belt around the site. The company maintains a safe and healthy environment within the premises. 6th service floor casting in Progress for commercial building. The Company maintains a safe and healthy environment within the premises. Total Water Consumption = 196.41 cmd out of which 135.85 cmd Fresh water and 60.56 cmd is Recycled water from STP Total Sewage Generation = 149.03 cmd Total Recycled Water = 60.56 c

Name & Designation

Mr. Vaibhav Samarth (AVP -Engineering)

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000057371

Submitted On:

12-09-2023

# MAHARASHTRA POLLUTION CONTROL BOARD

24010437/4701/24020781

24037124/5273

FAX: 24024068

Visit us on:

<http://mpcb.mah.nic.in>

Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> Floor,  
Sion Matunga Scheme Road No. 8,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (East),  
Mumbai-400 022.

ORANGE/LSI

Date: 28/09/2006.

Consent No. BO/RO (P&amp;P)/ 648

Consent to Establish is granted to

M/s. K. Raheja Pvt. Ltd.,  
"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.

located in the area declared under the provisions of Water Act (P&CP) 1974, Air Act (P&CP), 1981 and Authorization under the provisions of H.W (M & H) Rules and amendments thereto subject to the provisions of the Acts and the Rules and the Orders that may be made further and subject to the following terms and conditions :-

- The Consent to Establish is issued to M/s. K. Raheja Pvt. Ltd.,  
"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.

For development of land/plot as new construction activities named as M/s. K. Raheja Pvt. Ltd., "Metal Box", CTS No. 2/1629 of Lower Parel Division, Plot No. 249, 249A of Worli Scheme No.52G/South Ward, Mumbai on 14638.91 sq mtrs including utilities and services such as residential 128 no. of flats etc. as per construction commencement certificate issued by local body.

## 2. CONDITION UNDER WATER ACT :-

- The daily quantity of (a) sewage effluent from above construction project including (b) waste water from swimming tank/water sports shall not exceed 102.7 cubic meters per day
- Sewage Effluent Treatment** : The Applicant shall provide a comprehensive sewage treatment plant as is warranted with reference to influent quality and corresponding mode of disposal and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards:-

PARAMETERS	Limit	Standards for sub- streams		
		(A)	(B)	Unit
pH	In between	5.5 to 9	7 to 8.5	
Suspended Solids	Not to exceed	100	10	mg/l
B.O.D. 3 days 27 C	Not to exceed	30	10	mg/l
Oil & Grease	Not to exceed	10	NIL	mg/l
Dissolved Phosphates (as P)	Not to exceed	5	5	mg/l
Dissolved Oxygen	Not less than	5	5	mg/l
R. Chlorine	Not to exceed	0.1	0.1	Mg/l.

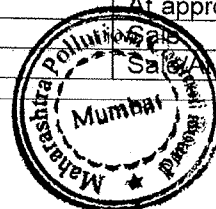
### (iii) Sewage effluent Disposal:-

Domestic treated effluent shall be disposed of on land for gardening/ irrigation/ lawns/ tree-plantations within own premises. Excess treated sewage effluent shall be disposed into to under ground drainage scheme provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time.

### (iv) Non-Hazardous Solid Waste:-

The total quantity shall not exceed 320 Kg per day and shall be segregated and treated as follows:-

Sr No.	Type of Segregated solid waste	Quantity Kg/day	Treatment	Disposal
1	Organic	192	In vessel Composting at site only	Self-use
2	Inert		Segregation	At approved landfill
3	Paper Packing		Segregation	Sale
4	Rubber	118	Segregation	At approved landfill
5	Glass		Segregation	
6	Miscellaneous(STP Sludge)	10	Segregation	Sale/At approved landfill

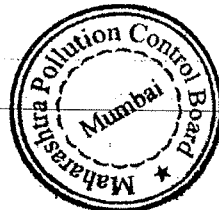


**3. Other Conditions:-**

1. ~~All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), CRZ notification, and special notifications published for Dahanu, Murud Jangira, Matheran and Mahabaleshwar area wherever applicable and all the Environmental Statutes and Instruments.~~
2. This Consent to Establish is issued only for Developing Construction Project purposes.
3. No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
4. There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
5. Extraction of Groundwater for the residential complex shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable;
6. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
7. In order to ensure that the water from this residential complex do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body. This management shall be such as also to help in excluding the external pollutants degrading the internal environment of residential complex.
8. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handing over of complex for occupation.
9. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting with the approval of local body and the inorganic material shall be disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. ~~It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered land fill shall be as per the Municipal Solid Waste (M&H) Rules, 2000~~
10. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent
11. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
12. The applicant, during the construction stage shall provide.
  - i) Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
  - j) Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
  - k) Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
  - l) Green belt of 33% of the open space shall be developed excluding lawns.
4. The Applicant shall comply with all the provisions of, the Water (Prevention and Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules as Amended, 2003 and Rules there under :-  
The daily water consumption for the following categories shall not exceed, as under
 

(i) Domestic	From ULB (In CMD)	From other sources (In CMD)
a) During construction stage	-----	70
b) After completion	156	-----
c) For Fire Fighting (make up water)	-----	-----

The Applicant shall regularly submit to the Board, the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.



**5. CONDITIONS UNDER AIR ACT :-**

The Applicant may install ----- numbers of diesel generating sets (DG Sets) of capacity -----, and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:-

**(i) Standards for emissions of air Pollutants**

i)	SPM/TPM	Not to Exceed	150	mg/Nm <sup>3</sup>
ii)	SO <sub>2</sub>	Not to Exceed	50	PPM
iii)	NO <sub>x</sub>	Not to Exceed	60	PPM
iv)	SO <sub>2</sub> (D.G.Set)	Not to Exceed	48	Kg/8 Hrs.

**(ii) The Applicant shall observe the following fuel patterns**

No.	Type of Fuel	Quantity
1	----	-----

**(iii) The Applicant shall erect the Chimney (s) of the following specifications**

No.	Chimney attached to	Height above roof level
1.	----	-----

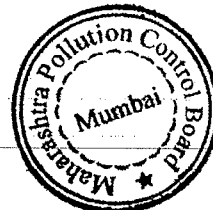
- The Applicant shall provide ports in the chimney and facilities such as ladder, platform etc for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's staff. The chimneys shall be numbered as S-1, S-2 etc and these shall be painted/ displayed to facilitate identification.
- Water spraying shall be done on ground to avoid fugitive emissions.
- Construction material shall be carried in enclosed vehicles during construction activities.

**(iv) Conditions for DG Sets :-**

- Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
- Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall be designed for minimum 25 dB(A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB(A) shall also be provided. The measurement of insertion loss shall be done at different points at 0.5 meters from acoustic enclosure/ room and then average.
- The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG set manufacturer;
- A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.
- The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
- The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
- In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

**(v) Conditions For Utilities like Kitchen, Eating Places etc., :-**

- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such way that no nuisance is caused to neighbors.
- The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned as between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.
  - Construction equipments generating noise of less than 65/90 db(A) are permitted.
  - No construction work is permitted during night time.





**6. CONDITIONS UNDER HW (M & H) & AMENDMENT RULES 2003**

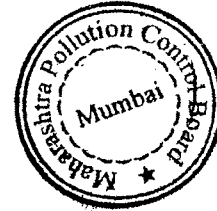
The Applicant shall not generate or handle any hazardous waste.

- ~~7. The proposed activity comes under Entry 31 (New Construction Project) listed in schedule I of the EIA Notification dated January 27, 1994 (as amended till date) issued by Ministry of Environment & Forest, Govt. of India, New Delhi and therefore, Environmental Clearance from Govt. of India (MoEF) shall be required as per conditions in the amended EIA Notification dated July 07, 2004.~~
8. The applicant shall certify that the bricks used in construction are manufactured using the ash from Thermal Power stations if it is within a radius of 100 km. from Thermal Power Plant and submit the names of bricks manufacturer.
9. This "Consent to Establish" is issued subject to the planning permission and permission for non-agricultural (N.A.) use from the Competent Authority.
10. The applicant shall obtain Environmental Clearance from MoEF, GOI before taking any steps to develop/ start construction the site.
11. The applicant shall not-handover the residential complex unless obtain Consent to Operate/NOC from Maharashtra Pollution Control Board and compliance of Environment Clearance granted by MoEF Government of India.
12. The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented and follow due diligencé at the construction stage.
13. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant;
14. This consent is issued with the post facto approval of the consent appraisal committee.

For and on behalf of the  
Maharashtra Pollution Control Board

*(Dr. D.B. Boralkar)*  
Member Secretary

To  
M/s. K. Raheja Pvt. Ltd.,  
"Metal Box", CTS No. 2/1629 of Lower Parel Division,  
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,  
Mumbai.



Copy forwarded with compliments to

1. The Collector, Mumbai (City).

Copy to

1. Regional Officer, MPCB, Mumbai.  
2. Sub Regional Officer, MPCB, Mumbai-I.  
3. Chief Accounts Officer, MPCB, Mumbai

Received consent fee of

Amount	DD No.	Date	Drawn on
Rs. 1,01,690/-	096039	14.07.2006	UTI Bank

4. Cess Branch, MPCB, Mumbai.  
5. Master file.  
6. EIC, M.P.C. Board, Mumbai.