

MAHARASHTRA POLLUTION CONTROL BOARD

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Infrastructure /Orange/LSI

Consent order No: Format1.0/BO/RO-HQ/EIC-Mu-5745-14/CE/CC-5286 Date-02/06/2014

To,
M/s.Kanakiya Design & Construction Pvt. Ltd.,
at CTS No.5,5/1 to 4,6,6/1 to 27,
7,7/1 to 5& 9 of village Kurla ,
at S.G. Barve & LBS Marg,
Kurla(W),Mumbai.

Subject: Consent to Operate for Building/Construction project Orange category.
Ref : Minutes of Consent Committee meeting held on 9/05/2014

Your application CO1403000281,
Dated: 12th Mar,2014.

For: Consent to Operate for Building/Construction project
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 under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 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 operate granted for a period up to :30/11/2015
2. The capital investment of the project is Rs. 347.76 Cr. (As per CA Certificate submitted by project proponent, C.I. of Part-I is Rs.31.88Cr & C.I of Part-II is Rs.347.76 Cr)

The Consent to Operate for remodeling of BEST bus depot for construction of residential and commercial project named as M/s.Kanakiya Design & Construction Pvt.Ltd.,At CTS No.5,5/1 to 4,6,6/1 to 27,7,7/1 to 5& 9 of village Kurla ,at S.G. Barve & LBS Marg, Kurla(W),Mumbai for total plot area of 30,820 Sq.Mtrs and total construction built up area 44,175.89 Sq.Mrs including Utilities and services as per occupancy Certificate issued by local body.

3. 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	65	NA	Treated effluent shall be reuse.
2.	Domestic effluent	162	As per Schedule -I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	750 KVA	1	As Per Schedule -II
2	DG Set	315 KVA	1	As Per Schedule -II

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

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	309 Kg/Day	treated in Organic Waste Convertor	Used as Manure
2	Non-Biodegradable	478 Kg/Day	Segregate and Hand over to authorized party.	--
3	STP Sludge	22 Kg/ Day	Nil	Used as Manure
4	E-Waste	118 Kg/M	--	Disposed through authorized recyclers

6. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste: NIL

7. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

8. This consent is issued with overriding effect of existing Consent to 1st Operate (part) vide No. MPCB/RO(HQ)/CO/CC/B-3979 Dated 8/5/2013.

9. Applicant shall submit an affidavit in Board's prescribed format regarding the Compliance of Conditions stipulated in Environmental Clearance /CRZ clearance and Consent to Operate.

10. The applicant shall submit affidavit within 15 days in the prescribed format regarding the part of build up area / building for which application for consent to operate is made being a part of the Environment Clearance accorded.

11. The applicant shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEAC-2211/ CR-936/TC.2 dtd. 10th Dec, 2012.

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	Rs. 6,31,720/-	255021	6 th Mar,2014	Bank of Baroda
2.	Rs.75,100/-	251669	15 th Feb,2013	Bank of Baroda

*Balanced consent fees of Rs.1,40,760/- from the above submitted fees will be adjusted during next renewal of consent

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer MPCB,II.
-- 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 provided the Effluent Treatment Plant (ETP) with the design capacity of 72CMD.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent 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 (If any)
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
01	pH	6.0-8.5
02	Oil & Grease	10
03	BOD (3 days 27oC)	100
04	Total Dissolved Solids	2100

C) The treated effluent shall be reused for bus washing 65 CMD

- 2) A] As per your application, you have provided Sewage Treatment Plants (STP) with the design capacity of 100 CMD and 70 CMD.

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 27oC)	100
02	Suspended Solids	100
03	COD	250
04	Residual Chlorine	1ppm

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

- 3) 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.
- 4) 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.

- 5) 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.	Domestic purpose	245

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	UOM	S%	SO2
1	DG Set (750 KVA)	Acoustic enclosure	6.0	LDO	174.66	Ltr/Hr	--	--
2	DG Set(315 KVA)	Acoustic enclosure	4.0					

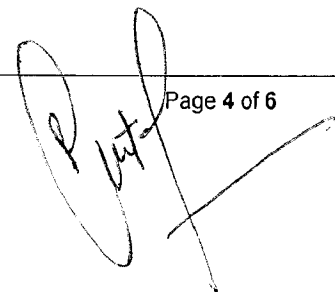
* Above roof of the building in which it is installed.

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 ³ .
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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.

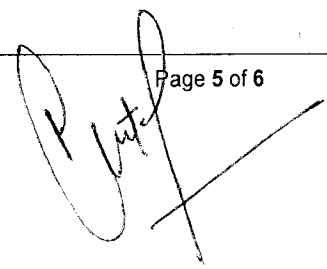
The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submissi on Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate	Rs. 10 Lakh	15 Days	Towards Operation & maintenance of STP & MSW processing Plant.	30.11.2015	31.3.2016

Maharashtra Pollution Control Board



Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 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 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) 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 55 dB(A) during day time and 45 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.
 - d) 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.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) 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) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) 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.

