

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No :- Format 1.0/BO/CAC-cell/EIC-MU-5415-13/CE/CAC-847

Date- 30/01/2014

To,
Dr. Narendra Hosabettu,
Mumbai International Airport Pvt. Ltd. (MIAL)
Chhatrapati Shivaji International Airport
Terminal 1 B, 1st Floor, Santacruz (East)
Mumbai - 400099

Subject: Consent to Establish for Multi-level Car Parking-2 Santa cruz Bldg. no.5
(part of non-operational area (landside) development of CSIA & construction of six
building project (170.61 Ha)) in RED category.

Ref :

1. Consent to Establish for Phase-I granted vide no. BO/RO(P&P)/ / CC- 145 dtd 4.7.2007.
2. Consent to Establish for Phase-II granted vide no. BO/RO(HQ)/CE/CAC-217 dtd 24.1.2012.
3. Consent to Operate for Existing & part Phase-I granted vide no. BO/RO (HQ)/CE/CAC - 217 dtd - 24/01/2012.
4. Consent to Operate for part Phase-I & part Phase-II granted vide no. Format 1.0/BO/CAC Cell/RO-MU/EIC MU-5356-13/O(part)/CAC- 9304 dtd - 6/11/2013.
5. Minutes of 2nd sitting of 18th CAC meeting of 2013-14 held on 8.1.2014

Your application CE1311000380
Dated: 2.9.2013

For: 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 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 establish is granted for commissioning of the unit or 5 years whichever is earlier.
2. The proposed capital investment of the industry is Rs. 71.86 Crs. (As per C.A. Certificate submitted by industry, As per EC estimated cost of whole project is * Lateral Infrastructure Development- Rs. 1000 crs. & * Estimated cost of Six building- Rs. 1818 crs.)
3. The Consent to Establish is valid for construction of Bldg no.5 Multi level Car Park-2 Santa Cruz which is a part of part of non-operational area (landside) development of CSIA & construction of six building project (170.61 Ha) of M/s. Mumbai International Airport Pvt. Ltd. (MIAL) on total plot area of 7,700 sq. mtrs, BUA- 39,624 & basement area-3,850 sq.m. i.e. total construction built up area 43,474 sq. mtrs. 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	NA
2.	Domestic effluent	17.6 CMD	As per Schedule -I	Recycle

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 sets (320 KVA)	1	As per Schedule -II

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

Sr. n	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Solid Waste generation	1.5 T/day	Collection and Segregation by Authorised agency	MCGM

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

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
There shall be no generation of Hz waste						

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 affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/ CRZ clearance and C to E.

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.	1,00,100/-	087240	2/9/2013	Axis Bank

Copy to:

1. Regional Officer -Mumbai and Sub-Regional Officer- Mumbai-II, 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 consent application, you have provided the existing sewage treatment system with the design capacity of 4 MLD.
- B] The Applicant shall operate the sewage treatment system 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.
- | | | | | |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids. | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27°C. | Not to exceed | 100 | mg/l. |
- C] The treated sewage shall be recycled for flushing, fire fighting, cooling, Landscaping etc..
- 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 an 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 projects 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	0.00 CMD
2.	Domestic purpose	22 CMD
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00 CMD
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00 CMD

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 %	SO ₂ Kg/Day
1	DG set (320 KVA)	Acoustic Enclosure	3.5	FSD	70 lit/hr	1	

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the followings standards:
- | | | |
|---------|---------------|------------------------|
| SPM/TPM | Not to exceed | 150 mg/Nm ³ |
|---------|---------------|------------------------|
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof on alteration or replacement well before its life comes to an end or erection of new pollution control equipment.
5. 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).
6. The applicant shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient noise standards.

Maharashtra Pollution Control Board

[Handwritten Signature]

**Schedule III
Details of Bank Guarantees**

Sr. No	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of EG	Compliance Period	Validity Date
Existing						
1	C to E (phase II)	Rs. 10 lakh	--	For compliance of Consent Conditions	23.1.2017	23.01.2017
2	C to O (existing & part Phase-I)	Rs. 10 lakh	--	Towards O & M of pollution control system	31.5.2015	31.05.2015
3	C to O (part Phase-I & part Phase-II)	Rs. 10 lakh	--	Towards O & M of pollution control system	31.5.2015	30.11.2015
Proposed						
1	C to E (MLCP-2, Santacruz, Bldg no.5)	Rs. 5 Lakh	15 days from date of issue of consent	Towards compliance of Consent conditions and EC conditions	Upto CoU or 5 years whichever is earlier	Five years from date of issue of consent

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 generating activity shall be carried out during day time only.

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and 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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney(s) and facilities such as walkway 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.
- 4) Whenever due to any accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year end on 31st March in the prescribed Form-V as per the provisions of rule-14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008. Which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go for incineration and waste which can be used for land filling and cannot be recycled/reprocessed, should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 9) The industry should comply with the Bio-Medical Waste (M & H) Rules, 1989 and amendments thereto, Pathological Waste (M & H) Rules, 2001 and amendments thereto and E-waste (M & H) Rules, 2012.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 17) Conditions for D.G. Set
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - 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.
 - 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.
 - 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 should be set and followed in consultation with the DG manufacturer which would help to prevent noise level of DG set from deteriorating with use.
 - D.G. Set shall be operated only in case of power failure.
 - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - The applicant shall comply with the notification of MoEF dated 17-05-2002 regarding noise limit for generator sets run with diesel.
- 18) The industry should not cause any nuisance in surrounding area.
- 19) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on availability of an plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 22) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance/ pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 23) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emission, or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/with or without consent of the Board.
- 24) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 25) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification of 16.11.2009 as amended.
- 26) The applicant shall comply with the conditions stipulated in Environmental Clearance granted by CoM vide No. SEAC-2010/CR.53/TC-2 dated 1st July 2011.

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