

MAHARASHTRA POLLUTION CONTROL BOARD

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Infrastructure /Orange/LSI

Consent order No: Format1.0/BO/RO-HQ/TN-6099-15/CE/CC-8894 Date-08/07/2016

To,
M/s. Steelfab Engineering Corporation,
ANA Realty, Kashmira Junction, Property Cards No. 1214 to 1215, 1259 to 1262,
1291 to 1294, 1309 to 1311, 1135 to 1338, 1389 to 1390, 1424 to 1435, 1489 to 1490 &
1645, Village-Mira, Dist-Thane.

Subject: Consent to Establish for Building/Construction Project. Orange category.

Ref : Minutes of Consent Committee meeting held on 16/06/2016

Your application CE1511000112

Dated: 13/10/2015

For: Consent to Establish for Building/Construction 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 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 is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 73.26 Cr. (As per undertaking submitted by project proponent)

The Consent to Establish is valid for construction of Residential Building Project named as M/s. Steelfab Engineering Corporation, ANA Realty, Kashmira Junction, Property Cards No. 1214 to 1215, 1259 to 1262, 1291 to 1294, 1309 to 1311, 1135 to 1338, 1389 to 1390, 1424 to 1435, 1489 to 1490 & 1645, Village-Mira, Dist-Thane, Maharashtra for total plot area of 18,856.30 Sq. Mtrs and total construction build up area 33,097.77 Sq. Mtrs including utilities and services as per Construction 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 | NIL | NA | NA |
| 2. | Domestic effluent | 106 | As per Schedule -I | 60% should be reused & recycled and remaining should 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 1 Nos. | 500 KVA | 1 | As Per Schedule -II |

5. Conditions under Solid Waste Management Rules, 2016:

| Sr. no. | Type Of Waste | Quantity & UoM | Treatment | Disposal |
|---------|---------------|----------------|-----------|---|
| 1 | Wet garbage | 250 Kg/Day | OWC | Used as Manure |
| 2 | Dry garbage | 170 Kg/Day | -- | Segregate and Hand over to Local Body for recycling |
| 3 | STP Sludge | 16 Kg/Day | -- | Used as Manure |

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.

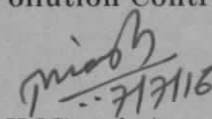
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.

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

9. Project Proponent 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.

10. The applicant should comply conditions stipulated in Environmental Clearance granted by Govt. of Maharashtra vide No. SEAC-2212/CR-250/TC-II dtd. 25/03/2014.

For and on behalf of the
Maharashtra Pollution Control Board


(P.K.Mirashe)
Member Secretary

Received Consent fee of -

| Sr. No. | Amount(Rs.) | DD. No. | Date | Drawn On |
|---------|-------------|---------|------------|----------------|
| 1 | 1,00,100 /- | 000985 | 09/10/2015 | Bank of Baroda |

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Thane-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 proposed to install Sewage Treatment Plants (STP) with the design capacity of 120 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) | 30 |
| 02 | Suspended Solids | 50 |
| 03 | COD | 100 |
| 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.

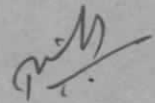
D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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 should 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

- 2) The industry should 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.
- 3) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent should 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 should 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 | 129.0 |



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 |
|---------|-------------------|--------------------|-----------------|--------------|----------|------------|-----|-----------------|
| 1 | DG Set (500 KVA) | Acoustic enclosure | 5.0 | HSD | | 101 Ltr/Hr | -- | -- |

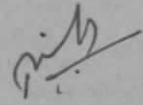
* Above roof of the building in which it is installed.

2. The applicant should 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 . |
|--------------------|---------------|--------------------------|

3. The Applicant should 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.

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 | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|---------|----------------------|-------------------|-------------------|--|-----------------------------------|---------------|
| 1 | Consent to Establish | Rs. 10 lakh | 15 Days | Towards compliance of consent conditions | Upto Commissioning of the project | Five years |

[Handwritten Signature]

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

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

- 1) The applicant should 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 should pay to the Board for the services rendered in this behalf.
- 2) The firm should 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 should be provided for collection of sewage effluents. Terminal manholes should be provided at the end of the collection system with arrangement for measuring the flow. No sewage should be admitted in the pipes/sewers downstream of the terminal manholes. No sewage should 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) should 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 should 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) 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 should 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 should comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant should provide onsite municipal solid waste processing system & should 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 should submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The firm should 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.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**