

MAHARASHTRA POLLUTION CONTROL BOARD

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KALPATARU POINT, 3rd Floor,
Sion-Matunga Scheme Rd. No.8,
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Mumbai-400 022.

RED/LSI

Consent No. BO/JD(APC)/ EIC No.NG-12951-15/TB-1/R/CC-90637 Date 27/12/2016.
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 Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

[To be referred as Water Act, Air Act and H&OW (M & TM) Rules respectively].

CONSENT is hereby granted to

M/s Chanvim Engineering (I) Pvt. Ltd.,
Plot no.137/2,138/2,at 21 k.m Amravati Road,
Gondkhairi, Tal-Kalmeshwar,Dist-Nagpur.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H&OW(M&TM) 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 Operate is granted for a period up to 31.05.2018.
2. The Consent is valid for the manufacture of –

Sr. No.	Product Name	Maximum Quantity	UOM
1	Aluminum Roll Bond Evaporator Panels (With anodizing & Powder Coating)	5,00,000	Nos/Month
2	Aluminum Circle/Coil/Sheet & Ingots(i.e. Utensils, Aluminum Casting, Press Parts, Extrusion & Non-ferrous Products, Slag, Cookware, Stamping Parts, Pressure Cookers, Appliances, Teflon Coating, Aluminum Alloys Ingots and Dross processing for recovery of aluminum and anodizing of non ferrous products)	750	Ton/Month
2	Gasifier gas	57,60,000	Nm3/Month

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 10.2 m³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 4.0 m³.
- (iii) **Trade Effluent Treatment:** The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0
2	BOD 3 days 27 deg C	Not to exceed	100 mg/l
3	COD	Not to exceed	250 mg/l
4	Suspended solids	Not to exceed	100 mg/l
5	Oil & Grease	Not to exceed	10 mg/l
6	Sulphates	Not to exceed	1000 mg/l.
7	Chlorides	Not to exceed	600 mg/l.
8	TDS	Not to exceed	2100mg/l

(iv) **Trade Effluent Disposal:** The maximum treated effluent shall be reused/recycled in the process to the maximum extent and remaining shall be sent to CETP Butibori for further treatment and disposal. There shall not be any discharge outside the factory premises.

(v) **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)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27° C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

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

Sr. No.	Type of waste	Quantity	Treatment	Disposal
1.	Aluminum Scrap	3000 kg/day	—	Reuse in process

(viii) **Other conditions:**

1) The industry shall take effective steps for tree plantation of important indigenous variety of trees to ameliorate pollution of industry depending upon topographical / geographical features of area.

2) The industry shall not cause any nuisance to the surrounding area.

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

Domestic	6.0	CMD
Industrial processing generating Bio-Degradable waste water	12.0	CMD
Industrial processing generating Non-Bio-Degradable waste water	—	CMD
Industrial Boiler/Cooling etc.	1.5	CMD
Any other and gardening.	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 ACT :**

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

1. Wet scrubber provided to Melting/Holding Furnace shall be operated and maintained properly so as to achieve following emission standards.

2. Industry shall provide wet scrubber to anodizing & dust collector or bag filter to powder coating and shall be operate and maintain properly so as to achieve following emission standards.

3. Industry shall adopt good houses keeping within plant and surrounding area & there shall not be any secondary emission.

A) Standards for Emissions of Air Pollutants:

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

i	SPM TPM	Not to exceed	150	mg/Nm ³
ii	SO ₂	Not to exceed	600	Kg/day
lii	Acid mist	Not to exceed	35	mg/Nm ³

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

S No.	Type of Fuel	Quantity
1.	Coal	1000 kg/hr
2.	Furnace oil	180 liter/day
3.	LPG	38 kgs-40 cylinder per day

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

S No.	Chimneys attached to	Height in Mtrs.
1.	Common Chimney to Melting /Holding Furnace & Gasifier Unit	31.0
2.	Scrubber attached to anodizing	11.0

(iv) 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.

(v) 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.

(vi) **Other Conditions:**

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality regularly.

6. CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDRY MOVEMENT) RULES, 2016:

(i) The applicant shall handle hazardous waste as specified below:

Sr. No.	Item No. of Process Generating H.W.	Type of Waste	Quantity	Disposal
1	34.3	Chemical Sludge from waste water treatment	300 kg/day	CHWTSDF, Butibori

(iii)The authorization is here by granted to operate a facility for collection, storage, transport & disposal of hazardous waste.

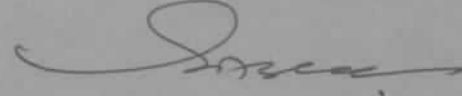
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

8. General conditions:

- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - (iii) The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent/ emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
 - (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
 - (v) 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. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
 - (vi) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 - (vii) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - (viii) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
 - (ix) The applicant shall maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- 9. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 10. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.**
- 11. The applicant shall continue the existing bank guarantee submitted to Regional Officer Nagpur, of Rs. 5,00,000/- (Extended Rs. 2.0 lakh & Fresh Rs. 3.0 lakh) for the period valid up to 30.09.2018 towards operation and maintenance of pollution control system so as to achieve the consented standards.**

12. This consent is issued with the overriding effect to existing consent granted vide No.BO/JD(APC)/EIC No. NG-12951-15/R/CC-9063 dtd. 31.7.2015.
13. The total capital investment of industry is Rs.21.23/- crore.

For and On Behalf of the
Maharashtra Pollution Control Board,



(Dr. V.M.Motghare) -

Joint Director (Air Pollution Control)

6/12/16

To,
M/s Chanvim Engineering (I) Pvt. Ltd.,
Plot no.137/2,138/2,at 21 k.m Amravati Road,
Gondkhairi, Tal-Kalmeshwar,Dist-Nagpur

Copy to:

- 1) Regional Officer, MPCB, Nagpur 2) Sub-Regional Officer, MPCB, Nagpur-I.

They are directed to obtain the extended BG of Rs.5.0/- Lacs from the industry and submit the compliance report along with the monitoring results within one month period.

- 3) Chief Accounts Officer, MPCB, Mumbai.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	250000	484246	28 May 2013	Union Bank of India

- 4) Cess Branch, MPCB.