

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781  
/4037124/4035273  
Fax : 24044532/4024068 /4023516  
Email : enquiry@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No:- BO/JD(APC)/EIC No: NG-11117-14/R/CC- 11294 Date: ~~11/2014~~

01/12/2014

To,  
M/s. IVRCL TLT Pvt. Ltd,  
Plot No: A-34, MIDC Industrial Area,  
Butibori, Dist: Nagpur - 441108.

Subject: Consent to Operate with Expansion under RED category.  
Ref: 1. Existing Consent granted vide no. BO/JD(APC)/EIC No. NG-9401-13/R/CC-1073, dt: 01/02/2014.  
2. Minutes of CC meeting held on, dt: 05/11/2014.

Your application No: CO1407000267, Dated: 31/05/2014.

For: Consent to Operate with Expansion 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 is granted for a period up to 31/08/2017.
2. The proposed and/or actual capital investment of the industry (with expansion) is Rs. 28.58 Crs. (As per C.A Certificate/Balance Sheet submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product	Maximum Quantity
1.	Transmission line tower member, Telecom tower structure, Substation structure / Railway electrification structure / RE structure (Without Electroplating)	3000 MT/Month

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	7.5	As per Schedule -I	CETP / Recycle
2.	Domestic effluent	2.5	As per Schedule -I	land

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.	Galvanizing Furnace	1	As per Schedule -II
2.	Pickling Scrubber	2	As per Schedule -II
3.	Angle bending section	2	As per Schedule -II

6. **Conditions about Non Hazardous Wastes:**

Sr. No.	Type of waste	Quantity	Treatment	Disposal
1.	MS Scrap	450 MT/Month	--	By sale

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

Sr. No.	Item No. as per Sch-I	Type of Waste	Quantity	Disposal
1.	5.1	Used / Spent Oil	75 Ltrs/Month	MPCB approved re-processor.
2.	6.1 & 6.2	Zinc fines/dust/Ash/skimming & Dross	2500 kg/day	
3.	34.3	ETP Sludge containing spent acid	4000 kg/day	CHWTSDf / Sale to authorized ARP facility
4.	12.3	Acid residues / spent acid	225 KL/Month	Shall be disposed through Acid Recovery Plant

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 is issued with the overriding effects to existing consent granted vide no: BO/JD(APC)/EIC No: NG-9401-13/R/CC-1073, dt: 01/02/2014

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

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.	5,000/-	008828	05/07/2013	IDBI Bank
2.	25,000/-	008827	05/07/2013	

Copy to:

1. Regional Officer-Nagpur and Sub-Regional Officer-Nagpur-II, MPCB, Nagpur - They are directed to release existing BG of Rs. 2.0 Lakhs submitted by industry towards submission of Board resolution & 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 30.0 CMD.

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)
	<b>I. Compulsory Parameters</b>	<b>Limiting Concentration in mg/l, except for pH</b>
01	pH	5.5 to 9.0
02	Oil & Grease	10
03	BOD (3 days 27oC )	100
04	Total Dissolved Solids	2100
05	Total Metal	10
06	Chromium (Hexavalent)	0.1
07	Lead	0.1
08	Suspended Solids	100
09	COD	250
10	Chloride	600
11	Sulphate	1000
12	Iron as Fe	5.0
13	Zinc	5.0

√C) The treated effluent shall be sent to CETP Butibori through tankers for further treatment and disposal.

2) A.] As per your consent application, you have provided the septic tank followed by soak pit as sewage treatment system.

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 27oC.  | Not to exceed | 100 | mg/l. |

C] The treated sewage shall be soaked in a soak pit, which shall be got cleaned periodically.

D] In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.

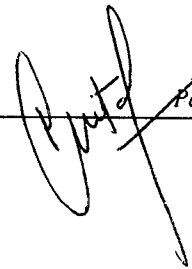
3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an 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) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I 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	1.5
2.	Domestic purpose	12.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	23.0
4.	Agriculture / Gardening	13.0

- 6) 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/ Environmental Clearance / CREP guidelines.

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**Schedule-II**

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

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

Sr. No.	Stack To	Attached APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1	Galvanizing Furnace	--	27	Furnace Oil	2.5 KL/D	4.5	225
2	Pickling Section	Scrubber	11	---	--	--	--
3	Angle Bending Section	Scrubber	12.50	LDO	2.0 KL/D	1.8	72
4	Zinc Scrubber	Scrubber	11.0	--	--	--	--
5	D.G.Set (320 KVA)	Acoustic enclosure	3.5	Diesel	2.0 KL/D	1.0	40

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 / CREP guidelines. (Concern section shall mention specific control equipments)
3. 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> .
HCL/Acid Mist	Not to exceed	35 mg/Nm <sup>3</sup>

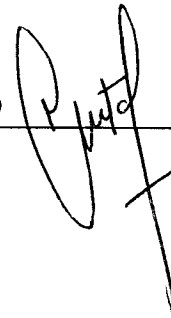
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to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

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

**B.G Details:**

Sr. No.	Consent (C to R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal consent	Existing BG of Rs. 4.0/- Lakh	Extended	Towards ARP	----	31/12/2017
2	Renewal consent	Existing BG of Rs. 5.0/- Lakh	Extended	Operation and Maintenance of Pollution Control System so as to achieve the consented standards.	.....	31/12/2017

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#### Schedule-IV

##### **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) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) 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
- 9) /processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 10) 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 Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 11) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 12) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity (in case of Consent to establish).
- 13) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).**
- 14) 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](http://www.mpcb.gov.in)).
- 15) 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.
- 16) 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.
- 17) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

