

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent No: Format 1.0/ BO/CAC-Cell/EIC No:-KN-6735-15/CAC- 9910

Date- ~~407/2016~~ 29/08/2016

To,
M/s. Kalisma Steel Pvt. Ltd.,
S. No. 45/2,45/3 &47
Tal. Wada, Dist. Palghar.

Subject: Renewal of Consent to Operate with increase in capital investment under RED category.

Ref : 1. Earlier Consent granted vide no. BO/JD(APC)/EIC NO.KP-6586-14/E/CAC-3905 Dtd. 25.04.2014
2. Minutes of CAC meeting held on 27.04.2016

Your application: CR1503000354
Dated: 02.03.2015

For: Renewal of Consent to Operate with increase in capital investment

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 is granted for a period up to 30.04.2017.
2. The actual capital investment of the industry is Rs. 133.15/- Crs. (As per C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Total Quantity in KI/day
1	Socket Head	3000 MT/M
2	Cap Screw	
3	Hex Heads Screws, Hex Heads Nuts & Hex Heads Bolts	

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	571	As per Schedule -I	100% recycle & reuse in process
2.	Domestic effluent	14.40	As per Schedule -I	On land for gardening

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	Electric Furnace	1	As per Schedule -II

2	Electric Furnace	1	As per Schedule -II
3	Hot Dip Galvanizing	1	As per Schedule -II
4	Pickling Section	1	As per Schedule -II
5	Zinc Plating	1	As per Schedule -II
6	Hot Water Boiler	1	As per Schedule -II
7	DG set (2 Nos)	2	As per Schedule -II

6. **Non Hazardous Solids Wastes:**

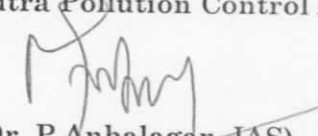
Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Metal Scrap	250 MT/M	-	Sale to party

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

Sr. No.	Type Of Waste	Categor	Quantity	UOM	Disposal
1	Used Oil	5.1	400	Ltrs/M	Sale to authorized parties
2	Sludge from WWTP (waste water treatment plant-ETP)	34.3	10	MT/M	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. Industry shall operate Air Pollution control System round the clock.
10. Industry shall operate the RO plant & MEE continuously so as to achieve zero discharge of effluent.
11. Industry shall install separate energy meter to ETP and MEE system.
12. 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


(Dr. P Anbalagan, IAS)
Member Secretary

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	2,66,880/-	100214	28.01.2015	HDFC Bank
2	3,60,204/-	510200	23.05.2016	Punjab National Bank

Copy to:

1. Regional Officer MPCB Kalyan and Sub-Regional Officer MPCB Kalyan
They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CAC desk- for record & website updation purposes.

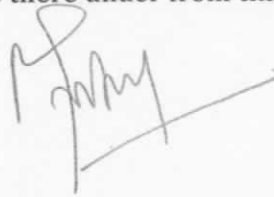
Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided Effluent Treatment Plant (ETP) with the design capacity of 585 CMD followed by Reverse Osmosis & Multiple Effective Evaporator System.
- B] The treated effluent shall be 100% recycled & reused in the process. The industry shall achieve zero discharge of effluent. In no case, the treated effluent shall be used for gardening.
- 2) A] As per your consent application, you have provided the septic tank soak pit for sewage.
- 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 domestic sewage shall be soaked in soak pit. Overflow, if any, shall be used on land for gardening.
- 3) 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	571
2.	Domestic purpose	18
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	---

- 4) 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.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected 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 %	S02 Kg/Day
1	Hot Water Boiler (2 TPH).	dust collector & bag filter	32	Coal	180.20 Kg/Hr	0.5%	43.2
2	DG Set (1250 KVA 2 Nos)	---	4.5 above roof top each	HSD	250 Ltrs/Hr	1%	120
3	Hot Dip Galvanizing	---	15 Mtrs	Electricity	---	--	--
4	Pickling section	Scrubber	15 Mtrs	---	---	--	--
5	Zinc plating section	Scrubber	15 Mtrs	..	--	--	--
6	Electric Furnace (2 Nos)	15 Mtrs each	Electricity	--	--	--

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 ³ .
Acid Mist	Not to exceed	35 mg/l

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

Existing BG to be extended

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs. 50/- Lakhs	15 Days	Towards compliance of Interim directions issued by the Board dated 31.07.2015.	30.04.2017	31.08.2017

BG Details

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs. 5/- Lakhs	15 Days	O & M of Pollution Control Systems	30.04.2017	31.08.2017

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) 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 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.
- 4) 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 equipment's, 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 ending 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 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.
- 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 Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 11) 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).
- 12) 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.
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) 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.