# MAHARASHTRA POLLUTION CONTROL BOARD

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*Consent No: Format 1.0/* BO/CAC-Cell/EIC No:-PN-19909-13/18th *CAC/CC/CAC-583*
***Date-*** *20/01/2014*

**To,**
**M/s. Bekart Mukund Wire Industries Pvt.Ltd.**
**B-21, Lonand Industrial Area,**
**Tal-Khandala, Dist-Satara..**

**Subject: Consent to Establish for Expansion Under RED category.**
**Ref :** 1) BO/PCI-II/EIC No.PN-5557-10/R/CC-342 Dt.12/07/2010 valid up to 31/03/2015.
2) Minutes of CAC meeting held on 08.01.2014

**Your application:CE1311000059**
**Dated: 17/09/2013**
**For: Consent to Establish for Expansion**
**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 unit or 5 years whichever is earlier.**
2. **The actual capital investment of the industry is (Existing Unit Rs. 96.71 Cr.. & Expansion Rs.50.00 Cr.) Rs. 146.71 Cr. As per undertaking submitted by the industry.**
3. **The Consent is valid for the manufacture of –**

| Sr.No. | Product / By-Product Name | Maximum Quantity in MT/A |
|---|---|---|
| 1. | High Carbon Wire | 834 MT/M |
| 2. | Low Carbon Wire | |
| 3. | Wire & Wire Products | |

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 | 4.0 | As per Schedule –I | On land for gardening |
| 2. | Domestic effluent | 2.0 | 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. | Not applicable | | |

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

| Sr. no. | Type Of Waste | Quantity & UoM | Treatment | Disposal |
|---|---|---|---|---|
| 1 | Steel Scrap | 12 MT/M | - | By Sale |

| | | |
|---|---|---|
| 2 | Wooden Scrap | 1 MT/M |
| 3 | Plastic Scrap | 500 Kg/M |
| 4 | Paper Scrap | 200 Kg/M |
| 5 | FL22 Scrap | 10 MT/M |
| 6 | All other Scrap | 500 Kg/M |

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 |
|---|---|---|---|---|---|---|
| 1 | Used/Waste Oil | 5.1 | 6 | Lit/day | - | Sale to authorized reprocessor/Recycler |
| 2 | Alkali Residues | 12.2 | 137 | Kg/day | | CHWTSDF |
| 3 | Residues & Sludge | 21.1 | 1 | Kg/day | | CHWTSDF |
| 4 | Wastes/Residues | 23.1 | 17 | Kg/day | | CHWTSDF |
| 5 | E-Waste | - | 500 | Kg/day | | Sale to authorized reprocessor/Recycler |
| 6 | Filters, Filter Papers, Gloves | - | 3 | Kg/Year | | 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 should submit undertaking that they will not carry out any additional construction for expansion activity.**
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 | 75,100/- | 140710 | 06/09/2013 | HDFC Bank |

**Copy to:**

1. **Regional Officer –MPCB, PUNE and Sub-Regional Officer- MPCB, Satara. 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 provided the Effluent Treatment Plant (ETP) for existing unit with the design capacity of 75 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) |
|---|---|---|
| | I. Compulsory Parameters | Limiting Concentration in mg/l, except for pH |
| 01 | pH | 5.5-9.0 |
| 02 | Oil & Grease | 10 |
| 03 | BOD (3 days 27oC ) | 100 |
| 04 | Total Dissolved Solids | 2100 |
| 05 | Suspended Solids | 100 |
| 06 | COD | 250 |
| 07 | Chloride | 600 |
| 08 | Sulphate | 1000 |

C ) The treated effluent shall be disposed on land of 16.8 acres for gardening/irrigation

2) A.] As per your consent application, you have to provided the sewage treatment system for existing unit with the design capacity of 10 CMD.

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 disposed on land for gardening/irrigation/ discharge

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 and 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 | 0.0 |
| 2. | Domestic purpose | 3.0 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 77 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.0 |

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.

**Schedule-II Not Applicable**

## 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 | C to E | 10/- Lakhs | 15 Days | For providing adequate stack height for existing unit | 31.07.2014 | 30.11.2014 |

## 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 if applicable.
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 Hazardous 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.**
13) 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).
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

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) 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.

c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

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 shall 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 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 available open 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/emissions 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/without prior consent of the Board.

24) 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.

25) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).

26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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