

MHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd, 3rd & 4th Floor
 Opp. Cine Planet Cinema,
 Near Sion Circle, Sion (E)
 Mumbai-400 022.

EIC No: RD-2166-11
 Red/SSI/Recycler
 Consent No: BO/MPCB/RO(HQ)/Raigad/CO/B-94

Date: 18/10/2011

Consent to Operate 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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008. To be referred as Water Act, Air Act and HW (M,H&T) Rules respectively.

CONSENT is hereby granted to:

M/s. Shabbir Traders,
 Plot No: 999(7), Kiravali Narayan Kutir,
 Village: Adivali, Tal: Panvel, Dist: Raigad

Located in the area declared under the provisions of the Water Act, the Air act and Authorization under the provisions of HW (M,H&T) 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 – 30/09/2016.
2. The Consent is valid for -

Sr. No:	Name of the Product	Quantity
	Physical and Mechanical separation of different components from electrical and electronic waste such as:	
1	Glass	240 MT/A
2	Plastic	
3	Steel / Iron	
4	Aluminum / Dross / Cables	
5	Copper / Dross / Cables	
6	Tin	
7	Zinc	
8	Nickel	
9	Lead	
10	Gold	
11	Silver	
12	CFC	
13	Oil	
14	Concrete / Pavement Block & Pipe	
15	Vanadium / Cadmium	
16	Titanium / Teflon	
17	Tungsten	
18	Chromium / Brass	

(Only Dry Process allowed)

CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not be exceed NIL..
 (ii) The daily quantity of sewage effluent from the factory shall not exceed 0.15 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)	Suspended Solids	Not to exceed	200 mg/l
3)	BOD 3days 27 Deg. C.	Not to exceed	100 mg/l
4)	COD	Not to exceed	250 mg/l
5)	Oil & Grease	Not to exceed	10 mg/l

(iv) Trade Effluent Disposal: NIL.

(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 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:

Type of Waste	Quantity	Disposal
Scrap / Plastic Packing	1 MT/M	Sale to authorised party
Material / Wood, Card Board,		
Gunny bags		

(viii) Other conditions: The industry shall monitor effluent quality regularly.

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:

(i) Domestic	...	1.0 CMD
(ii) Industrial Processing	...	-- CMD
(iii) Industrial Cooling	...	-- CMD
(iv) Agriculture/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:

Control Equipment:- Industry shall provide adequate APC equipments to control the emissions.

Standards for Emissions of Air Pollutants:

(i)	SPM/TPM	Not to exceed	50 mg/Nm ³
(ii)	SO ₂	Not to exceed	-- Kg/Day



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

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
	..NA..	

(ii) The applicant shall erect the chimney(s) of the following specifications:

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
	..NA..	

(iii) 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.

(iv) Other Conditions:

1) The industry shall not cause any nuisance in surrounding area.

6. CONDITIONS UNDER Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008:

i) The industry is hereby permitted to accept electric / electronic waste appliances as refrigerators, freezers, Personal Computers, TV Sets, Cellular Phones etc. as raw material in quantity of 240 MT/A.

- The industry shall accept hazardous waste brought in through MPCB Authorized Transporter only.
- The industry shall follow Manifest system strictly while transporting Hazardous Waste
- The industry shall inform the Board in its returns regarding quantity of hazardous waste accepted & HW disposed by it during the year.

The Industry shall handle hazardous wastes as specified below

Sr. No.	HW Category as per Sch-I/II	Type Of Waste	Quantity	Disposal
1.	31.1.	Residue and Waste	100 Kg/M	CHWTSDF

(ii) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

(iii) The authorization is subject to the conditions stated below and sub conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

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. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of compliance along with photograph shall be submitted to this office and Regional Office.



9. The industry shall ensure that Hazardous Waste is handled, managed and disposed of strictly in accordance with the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and shown & submitted to the Board as and when asked for.

10. Board reserves the right to cancel/Amend/ Revoke the consent any time as per the policy of the Board.

11. Industry shall obtain registration from CPCB as non ferrous metal waste reproducers before commencement of the production.

12. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):

i) Collection of WEEE

The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

Storage for disassembled parts:

The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids.

Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an impermeable surface and a sealed drainage system.

ii) Storage for other components and residues

Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labeled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.

iii) Balances

WEEE Guidelines also requires that sites for handling of WEEE have 'balances to measure the weight of the segregated waste'. The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.

iv) Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.

vi) Ferrous and non ferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.

v) CFCS should be either reused or incinerated in common hazardous waste incineration facilities at CHWTSDF.

viii) Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.

ix) PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.



Mercury recovery and lead recycling facilities from batteries fall under the existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste dismantling facility and later disposed in TSDF.

13. General Conditions:

- I. The authorization shall comply with the provision of the Environment (Protection) Act, 1986 and the Rules made there under.
- II. 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.
- III. The applicant shall bring minimum 33% of the available open land under green coverage plantation.
- IV. Solid Waste - The non-hazardous solid waste arising in the factory premises, sweeping, etc. be disposed of scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping ground.
- V. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant shall stop, reduce or otherwise, control production so abide by terms and conditions of this consent regarding pollution levels.
- VI. The applicant shall not change or alter the quantity, quality, of discharge, temperature or the mode of the effluent/ emission or hazardous wastes or control equipments provided for without previous permission of the Board.
- 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 discharged points and shall pay to the Board for the service rendered in this behalf.
- VIII. The applicant shall make an application for renewal of the consent at least 60 days before the date of expiry of the consent.
- IX. 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 Environmental (Protection) (Second Amendment) Rules, 1992.
- X. The industry shall submit the Annual Returns as per Rule 5(6) & 22 (2) of Hazardous Wastes (M, H & T) Rules, 2008 for the preceding year April to March in Form - IV by 30th June of every year.
- XI. An inspection book shall be opened and made available the Board officers during their visit to the application.
- XII. The application shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluents treatment plants and air pollution control system. A register showing consumption of chemical used for treatment shall be maintained.



Separate drainage system shall be provided for collection of trade 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.

- XIV. Neither strong water nor discharged from other premises shall allowed to mix with the effluents from the factory.
- XV. 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.
- XVI. The authorization or its renewal shall be produce for inspection at the request of an officer authorized by the Maharashtra Pollution Control Board.
- XVII. The person authorized shall not rent, land, sell, transfer or otherwise transport the Hazardous waste without obtaining prior permission of the Maharashtra Pollution Control Board.
- XVIII. Any unauthorized change in personnel, equipment, as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- XIX. It is the duty of the authorized person to take permission of the Maharashtra Pollution Control Board to close down the facility.
- XX. All the conditions of this Consent shall be strictly implemented and the Consent Order shall be displayed at a prominent location in the factory premises.

- 14. The industry should comply with the conditions stipulated in the "Registration Cum Passbook" issued by the Board vide no: MPCB/RO(HQ)/Reg/HWMD-11, dt: 20/05/2011.
- 15. The capital Investment of the unit is Rs. 40.0 Lakhs



(Milind Mhaskar)
Member Secretary

To,
M/s. Shabbir Traders,
Plot No: 999(7), Kiravali Narayan Kutir,
Village: Adivali, Tal: Panvel, Dist: Raigad

Copy to:

- 1) Regional Officer, MPCB, Raigad
- 2) Sub-Regional Officer, MPCB, Raigad
- 3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Amount	D.D.No.	Date	Drawn on
Rs. 7,500/-	983053	5/02/2011	DCB
Rs. 100/-	187740	6/05/2011	Bombay Mercantile Co-opn Bank

- 4) Cess Branch
- 5) Master File.