

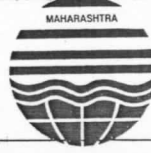
# MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup>  
Fl.

Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E)

Mumbai-400 022.

Consent order No: BO/JD (APC)/EIC No. NK-10026-11 /O/CC-5405 Date- 04/06 /2014.

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 under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

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

CONSENT is hereby granted to

**M/s. Powerdeal Energy System (I) Pvt.Ltd.**

**Sr.no.6/2/1,4,5,6, A/p- Vilholi,**

**Tal & Dist:Nashik.**

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) 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- 30.06.2015.
2. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity	UOM
1.	Galvanized tower parts and other structures	1500	MT/Month
2	Dipping painting for scaffolding & structures	350	MT/Month
3	Heavy structures RTPC/LTHT Panels & A/c Energy components(Powder coating & spray paintings)	60	MT/Month
4	RTPC Panels (only Assembly)	20	Nos/M
5	A/c Energy Components(only Assembly)	20	Nos/M
6	Street Light (only Assembly)	10	Nos/M
7	Autoclaved aerated concrete Panels	2500	MT/Month
8	Autoclaved aerated concrete Blocks	2500	MT/Month

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 30.0 M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 13.5 M<sup>3</sup>.
- (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:

M/s. Powerdeal Energy System (I) Pvt.Ltd. SRO Nashik/Ine/Red/M.S.I./01033689

1	pH	Between	5.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
3	BOD 3 days 27 Deg. C.	Not to exceed	30 mg/l.
4	COD	Not to exceed	250 mg/l.
5	Oil & Grease	Not to exceed	10 mg/l
6	TDS	Not to exceed	2100 mg/l.
7	Chlorides	Not to exceed	600 mg/l.
8	Sulphates	Not to exceed	1000 mg/l.
9	Phosphates	Not to exceed	5.0 mg/l.
10	Zinc as Zn	Not to exceed	5.0 mg/l.

- (iv) **Trade Effluent Disposal:** The treated effluent shall be recycled and reused in the process and remaining shall be used on land for gardening. The industry shall become member of CETP as and when proposed. Industry shall provide necessary facilities to recycle the entire industrial effluent back into back in to the process within three months. There shall not be any discharge outside the factory premises and in no case trade effluent shall find its way into nearby river.
- (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 27o 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	Material	Qty	Disposal
1	M.S. Scrap	170.0 MT/M	Sale
2	Electrical Scrap	1.0 MT/M	Sale
3	Ash (Biomass)	700 Kg/D	Sale to brick manufacture

- viii) **Other Conditions:** Industry should 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 amendment Rules, 2003 there under

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

Sr.No.		Qty
I	Domestic purpose	16.7 CMD
II	Industrial Processing	45.0 CMD
III	Industrial cooling	50.0 CMD
IV	Other gardening	5.0 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:

**a. Control Equipment:**

- I. Fume extraction system followed by dust collection system of sufficient capacity shall be provided to source of SPM/TPM.
- II. Adequate fume extraction system followed by dust collector of sufficient capacity shall be provided at all dust generating locations and operated properly.
- III. There shall not be any secondary (fugitive) emissions.

**b. Standards for Emissions of Air Pollutants:**

i	SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
ii	SO <sub>2</sub>	Not to exceed	85 Kg/Day

**6. (a). The applicant shall observe the following fuel pattern:-**

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace oil	900.0	Ltrs/ Day
2	HSD	96.0	Litrs/Day
3	Briquettes (biomass)	10.0	MT/D

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Zinc Bath	21.0
2	D.G.Set(50 KVA-3 Nos)	3.5 meters above the shed
3	D.G.Set (63 KAV)	2.0 above roof top.
4	Boiler	30.0

(c). 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.

(d) 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.

**(e) 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

**7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**

(i) The Industry shall handle hazardous wastes as specified below.

Sr. no.	Type of waste	Qty	UOM	Disposal
1	5.1 Used oil/Spent oil	10.2	Ltrs/M	Sale to Authorized Reprocessor /recycler.
2	6.2 Zinc Ash	15	MT/M	Sale to Authorized Reprocessor /recycler.
3	12.1 Spent Acid	45	MT/M	Sent to ARP Facility at Tarapur Or nearby ARP facility.
4	12.9 ETP Sludge	3.0	MT/M	CHWTSDF.
5	12.5 Phosphate Sludge	0.5	MT/M	CHWTSDF.
6	21.1 Paint waste residue	0.2	MT/M	CHWTSDF.
7	C-14 Zinc dross	10.2	MT/M	CHWTSDF.

(ii) Treatment: - NIL

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

(iv) 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.

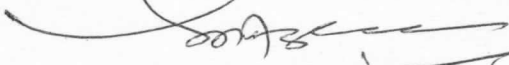
**8. Industry shall comply with following general conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – 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 to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant 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 & conditions of this consent regarding pollution levels.
- v. 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.
- vi. 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.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.



- viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric 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.
- xi. 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.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
9. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
10. Industry shall submit the bank guarantee of Rs.5.0 Lakhs towards compliance of consent condition with the validity up to 31.03.2019 towards operation and maintenance of pollution control system and towards compliances of consent conditions.
11. This consent is issued with the approval of Consent Committee Meeting of the Board in its meeting held on 16.05.2014 and order passed by appellate authority ,Environment Department Govt.of Maharashtra dated 18.11.2013.
12. The total Capital investment of the industry is Rs.16.23 Crores.

For and On Behalf of the  
Maharashtra Pollution Control Board,

  
(V.M. Motghare) 3/6/14  
Joint Director (Air Pollution Control)

To,  
M/s. Powerdeal Energy System (I) Pvt.Ltd.  
Sr.no.6/2/1,4,5,6, A/p- Vilholi,  
Tal & Dist:Nashik.

Copy to:

- 1) Regional Officer, MPCB, Nashik.
- 2) Sub-Regional Officer, Nashik MPCB, Nashik
- 3) Chief Accounts Officer, MPCB, Mumbai
- 4) Cess Branch/Master File

Industry has paid the consent fees as per the Environment Department G.R.dated 25.08.2011.

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	4,00,000/-	251499	19.04.2014	Bank of Baroda.

- Industry has submitted excess consent fees of Rs.2,00,000/- in the Board and it will be considered at the time of next renewal of consent.