



Head Office (PDF)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159856 Fax: 0141-5159697



Registered

File No : F(PLG)/Alwar(Tijara)/39(1)/2015-2016/246-249

Order No : 2018-2019/PDF/3826

Date: 10/04/2018

Unit Id : 598

M/s HPM Chemicals & Fertilisers Limited(Old Name Hindustan Pulverising Mills)

SP-9(C)R.I.A. Khushkhera , Tehsil:Tijara

District:Alwar

Sub: Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application for Consent to Operate dated 30/11/2016 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder **is hereby granted** for your **HPM Chemicals and Fertilizers Ltd. (Technical Grade Pesticides Unit) plant** situated at **SP-9 C, RIICO Industrial Area, Khushkhera, Alwar Rajasthan RIICO INDUSTRIAL AREA KHUSHKHERA , Khushkhera Tehsil:Tijara District:Alwar , Rajasthan**, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from **01/04/2017 to 31/03/2022** .
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Particular	Type	Quantity with Unit
Technical Grade Pesticides	Product	900.00 TPA

- 3 That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:



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Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	4.000	NIL	4.000 Septic Tank and Soakpit
Trade Effluent	16.000	9.140	6.860 Multieffect Evaporation

- 5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
Coal/Wood Fired Boiler(1TPH)	Dust Collector , Stack	Particulate Matter	1200 mg/nm3
Incinerator(25KG/HOUR)	Stack , VENTURY SCRUBBER	HCL SO2 CO Total Organic Carbon Particulate Matter	50 mg/Nm3 200 mg/Nm3 100 mg/Nm3 20 mg/Nm3 50 mg/Nm3

- 6 That the **HPM Chemicals and Fertilizers Ltd. (Technical Grade Pesticides Unit)** plant will comply with the standards as prescribed vide MOEF notification No. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality Standards.



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- 7 That the trade effluent shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal **Into Inland Surface Water** . The main parameters for regular monitoring shall be as under

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Cyanide (as CN)	Not to exceed 0.2 mg/l
Phenolic Compounds (as C ₆ H ₅ OH)	Not to exceed 1.0 mg/l
pH Value	Between 6.5 to 8.5
Copper as Cu)	Not to exceed 1.0 mg/l
Bio-assay Test	Minimum 90% survival after 96 hours with fish at 100% effluent
Chemical Oxygen Demand	Not to exceed 250 mg/l
Nitrate (as NO ₃)	Not to exceed 50 mg/l
Phosphate (as P)	Not to exceed 5.0 mg/l

- 8 That the industry shall comply with conditions of the Environmental Clearance issued by Ministry of Environment & Forest, Government of India vide letter no. J-11011/459/2009-IAII(I) dated 04/02/2010.
- 9 That the industry shall get Environment Clearance dated 04/02/2010 transferred in favor of M/s HPM Chemicals & Fertilizers Limited from M/s Hindustan Pulverising Mills within 6 months from the date of issuance of this letter for which a Bank Guarantee dated 02/01/2018 (no. PBG101001800002) of Rs. 10,000 has been submitted by the industry.



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- 10 That the industry shall submit necessary clarification and/or amendment in Environment Clearance dated 04/02/2010 from competent authority within six months with respect to the products and sources of air pollution and with respect to technical as well as formulation plant operating at the same address, for which a Bank Guarantee dated 02/01/2018 (no. FBGI01001800041) of Rs. 10,000 has been submitted by the industry.
- 11 That the type, nature and quantity of all the products manufactured by the industry shall be in accordance with the Environment Clearance dated 04/02/2010 and the industry shall not manufacture any product/by product which is not listed in Environmental Clearance dated 04/02/2010.
- 12 That the total water consumption shall not exceed 50 KLD (including domestic consumption of 4 KLD and gardening usage of 6.89 KLD) out of which fresh water consumption shall not exceed 40.86 KLD and same shall be met from RIICO water supply only. No ground water extraction shall be carried out without prior permission from the Central Ground Water Authority (CGWA).
- 13 That the total trade effluent generation shall not exceed 16.00 KLD, out of which the industry shall recycle a minimum of 9.14 KLD through Multi Effect Evaporator. The industry shall maintain zero liquid discharge status inside & outside the premises as per condition no. 4 of this consent letter. The standard for treatment to be complied are as per condition no. 7 of this consent letter along with standards prescribed for pesticides industry under Environment (Protection) Act-1986.
- 14 That industry shall maintain water meters for measuring & recording of the amount of fresh water intake, water consumed in various processes, effluent generated, effluent treated in Effluent Treatment Plant, effluent recycled, effluent incinerated & effluent disposed/utilized in plantation. The above record shall be maintained separately for industrial and domestic water consumption. The daily record of the meters readings shall be maintained in separate log-book and monthly summary shall be submitted to Regional Office, Bhiwadi.
- 15 That the industry shall maintain zero discharge status. No trade effluent shall be discharged in any circumstances from any process inside and/or outside the premises.
- 16 That the industry shall maintain adequate height of all the stacks connected with Boiler & Incinerator along with adequate pollution control measures as prescribed under the Environment (Protection) Act, 1986.
- 17 That industry shall maintain adequate & safe stack emission monitoring facilities with the Boiler & Incinerator.
- 18 That the industry shall comply with emission standards prescribed under Environment (Protection) Rules,1986 for Incinerator for Pesticide Industry.



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- 19 That the industry shall provide & maintain separate energy meters at pollution control measures & effluent treatment plant. The daily record of the energy meter readings shall be maintained in separate log-book and monthly summary shall be submitted to Regional Office, Bhiwadi.
- 20 That ash generated from the 1 TPH Boiler shall be stored adequately till transported for final disposal.
- 21 That all hazardous waste, process residue, sludge of Effluent Treatment Plant and ash of the incinerator shall be disposed to CTDF, Udaipur or be incinerated in accordance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 22 That industry shall submit quarterly analysis/monitoring report of source emission/ambient air/waste water/noise from the State Board laboratory or any laboratory approved/ recognized by Ministry of Environment, Forest & Climate Change, Government of India.
- 23 That industry shall provide & maintain the continuous online emission/effluent monitoring system along with IP cameras and flow meters in accordance with guidelines issued by Rajasthan State Pollution Control Board/Central Pollution Control Board and report the compliance to Regional Officer, Regional Office, RSPCB, Bhiwadi.
- 24 That the industry shall maintain good housekeeping.
- 25 That the total capital cost of technical grade pesticide manufacturing project shall not exceed to Rs. 467.16 lacs.
- 26 That the industry shall comply with the provisions of the Public Liability Insurance Act, 1991 and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 27 That, notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained **under section 27(2) of the Water Act and under section 21(6) of the Air Act** to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of **Air Act & Water Act**.
- 28 That the grant of this **Consent to Operate** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.



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29 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This **Consent to Operate** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time , be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Operate** and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge[PDF]

Copy To:-

- 1 Regional Director (Nodel Officer of CGWA), 6-A, Jhalana Doongari, Jaipur 302004 for necessary action at your level.
- 2 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Bhiwadi to monitor compliance of the consent conditions.
- 3 Master File.

Group Incharge[PDF]