



Rajasthan State Pollution Control Board  
4, Institutional Area, Jhalana Doongari, Jaipur-302 004  
Phone: 0141-5159600,5159695 Fax: 0141-5159697  
website: www.rpcb.nic.in  
Registered

File No F(Mines)/Rajsamand(Railmagra)/1(1)/2008-2009/278-282

Order No 2015-2016/Mines/2295

Date: 23/04/2015

Unit Id : 2,878

M/s Hindustan Zinc Limited

Rajpura Dariba Mine, P.O.- Dariba

District :Rajsamand- 313 211.

E-Mail : snehal.purohit@vendanta.co.in

**Sub:** Grant of Consent to Operate under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for your **Major schedule Mineral** Mine at near Village-**Rajpura Dariba**, Tehsil-**Railmagra**, District- **Rajsamand (M.L.No-02/89-R-166/08 )**.

**Ref:** (i) Your applications dated 09/10/2014  
(ii) Received on 17/10/2014

Sir,

In view of the details submitted vide your above referred applications/ documents, the **Consent to Operate** under section 21(4) of Air (Prevention & Control of Pollution) Act,1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 is hereby granted for carrying mining activities. This consent is subject to the following stipulations:-

- 1 That this consent is being granted in favour of **M/s. Hindustan Zinc Limited**, a Mine of **Major schedule Mineral** having **M.L.No.- 02/89-R-166/08 in an area measuring 1142.2106 Hectares** at/near **Village - Rajpura Dariba**, Tehsil-**Railmagra**, District-**Rajsamand**.
- 2 That this consent is valid for a period from **01/03/2015** to **28/02/2018**
- 3 That this consent is valid for following mining activities :-

Mineral	Permitted Mining Capacity
1 LEAD ZINC ORE MINING	900000.0000 TONNES / ANNUM
2 LEAD ZINC ORE BENEFICIATION	1200000.0000 TONNES / ANNUM
3 D. G. SET	3.5200 MW
4 D.G. SET	3.5000 MW



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- 4 That you shall achieve following standards in ambient air in mine area / mining activities.

Pollutant	Standards for Ambient Air	Standards for mining activity
SPM	500 µg/M <sup>3</sup>	SPM = 600 µg/M <sup>3</sup> (To be measured between 3 to 10 meters from mining activity)
SO <sub>2</sub>	120 µg/M <sup>3</sup>	
NO <sub>x</sub>	120 µg/M <sup>3</sup>	
CO	5000 µg/M <sup>3</sup>	

- 5 That the mining effluent shall be treated before disposal so as to conform to the standards prescribed by the Board viz general standards for discharge of the industrial effluent under the Environment(Protection) Act 1986 for Disposal Into Inland Surface Water. The main parameters for regular monitoring shall be as under:

S.No.	Parameters	Limits
1	Total Suspended Solids	Not to exceed 100 mg/l
2	pH Value	Between 5.5 to 9.0
3	Oil and Grease	Not to exceed 10 mg/l
4	Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
5	Chemical Oxygen Demand	Not to exceed 250 mg/l

- 6 That the occupier/operator of mine shall ensure that all the conditions imposed in the permission of Central Ground Water Authority granted vide its letter No 21-4(315)/WR/CGWA/2008-3744 dated 06/06/2012 shall be strictly complied.
- 7 That this **Consent to Operate** is for mining / processing / beneficiation of product as mentioned above in **M.L.No.-02/89-R-166/08** and a separate **Consent to Operate** is required to be obtained for any other Mineral mining/ processing/ beneficiation Plant/process if any and for any addition/ modification/ alteration or change in process.
- 8 That shall comply with all the conditions imposed by MoEF, Government of India vide its office letter no. F. No. J-11011/380/2008-IA II (M) dated 04/11/2009 while issuing EC to your mine project.
- 9 That plantation shall be developed in atleast 33% of the total lease area i.e 554.19 ha within a period of 3 years to maintain ambient air quality around the mine and the Action Plan for plantation submitted to the Board, shall be implemented.
- 10 That you will implement all the pollution control measures as per EIA/EMP Report.
- 11 That no trade effluent shall be discharged inside/outside mine premises.



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- 12 That suitable measure for rain water harvesting for artificial recharge of ground water shall be taken.
- 13 That the water meters shall be installed at bore well and logbook shall be maintained to record daily water consumption.
- 14 That the artificial recharge proposal shall be vetted by the competent authority viz Regional Director, Central Ground Water Board (WR),Jaipur/ State Ground Water Department, Jaipur.
- 15 That recycled and/ or treated water shall not be used for recharge to ground water.
- 16 Project proponent shall submit with the compliance report of consent conditions,the analysis report of the ground water alongwith a statement showing the trends/variation of the parameters at each source/well during past three years.
- 17 That all other general conditions enclosed as **Annexure** shall be strictly complied with.
- 18 That this Consent is subject to the conditions as stated above and general conditions as stated in Annexure. Further, the mining unit will comply with the provisions of the Air (Prevention & Control of Pollution) Act, 1981 & Water (Prevention & Control of Pollution) Act, 1974 and any such conditions as may be specified from time to time by the State Board under the provisions of the aforesaid Acts.
- 19 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.
- 20 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceedings, 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 bears approval of the competent authority.

Encl: As Above

Yours Sincerely

Group Incharge-Mines



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**Copy To:-**

- 1 Director, Department of Mines & Geology, Government of Rajasthan, Shastri Circle, Udaipur.
- 2 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Bhilwara, Please compile the data/analysis reports of ground water sampling done by him for the past three year and submit showing the trends/variation of parameters at each source/well
- 3 Mining Engineer, Department of Mines & Geology, Government of Rajasthan, Bhilwara
- 4 Master File .

**Group Incharge-Mines**