**By Speed Post**

**No. J-11015/267/2008-IA.II (M)**
Government of India
Ministry of Environment, Forests & Climate Change
Impact Assessment Division
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Indira Paryavaran Bhavan,
3rd Floor, Vayu Wing,
Aliganj, Jor Bagh Road,
New Delhi-110 003.

Dated: 22nd August, 2014

To,

**M/s Hindustan Zinc Ltd.**
Rampura Agucha Mine,
P.O. Agucha,
District Bhilwara,
Rajasthan-311 029.

**Sub.: Rampura Agucha Lead and Zinc Opencast and Underground mining Project of (5.0 million TPA to 6.15 million TPA) and Beneficiation Capacity of Beneficiation Plant (5.0 million TPA to 6.15 million TPA) of M/s Hindustan Zinc Ltd., located at Village Agucha, Tehsil Hurda, District Bhilwara, Rajasthan (Consultant: Vimta Labs, Hyderabad)- Amendment in EC regarding.**

***Ref.: Environmental Clearance letter of even No dated 11.12.2009 & its amendment vide letter of even No. dated 05.03.2012***

This has reference to your letter No. HZL/RAM/ENV/2013-14 dated 18.04.2013 and subsequent letters dated 18.05.2013, 14.10.2013 & 28.05.2014 regarding above mentioned proposal for amendment in the specific condition no. (v) of the Environmental Clearance accorded vide letter of even no. dated 11th December, 2009 with regard to increasing the dump height from 100 m to 140 m. The Mine is located at village-Agucha, Tehsil Hurda, District Bhilwara, Rajasthan.

2. The proposal was considered in the 9th Reconstituted EAC meeting held during July 22-24, 2013, 19th Meeting held during April 29-30, 2014 & 20th Meeting held during May 28-30, 2014 wherein the Committee recommended the proposal for proposed raising of the dump height from 100m to 140m (in two lifts of 20m each) with additional specific conditions.

3. Your request for amendments to the Environmental Clearance has been examined in the Ministry and accordingly the specific conditions No. V of the said environmental clearance letter of even no. dated 11.12.2009 as amended on 05.03.2012, **"…… The maximum height of the dump should not exceed**

**100m.”**, shall now be substituted by “…..**The maximum height of the dump should not exceed 140m (in two lifts of 20m each)”** along with the following additional specific conditions:-

(i) The open cracks, whenever developed in the partially consolidated new dump mass, should be consolidated with proper filling/leveling with the help of dozer / compactors.

(ii) Dump foundation preparation should be done by excavating and removing soil before dumping, to improve the frictional resistance at the base of dump. It should be filled with Over burden containing stones.

(iii) There should not be any dumping in pool water or on slushy ground.

(iv) Discontinuous dumping should be avoided to check water accumulation between two isolated dumps.

(v) During rainy season, an officer should be deputed to go in and around the dump site every morning to see the effectiveness of drain. If any blockage is observed, immediate steps should be taken to make it effective.

(vi) The dumps should be surveyed periodically to produce up-to-date and accurate dump geometry.

(vii) The slope and stability monitoring by Radar should be done and its report should be sent to MoEF and its Regional office every six-months.

(viii) The dump design should be reviewed by CIMFR or any other scientific agency after reaching dump height of 120m and its report sent to MoEF and its Regional office.

(ix) Waste dump has to be managed as per the guidelines of DGMS and quarterly monitoring report to be submitted to DGMS and regional office.

(x) On stabilized dumps, more species such as *Pongamia, Bombax ceiba,* Tamarind, Arjun, *Gravillea robusta* and Amla to be planted.

(xi) The Radar monitoring system should satisfactorily sub-serve the dual objectives viz. (a) Investigative Monitoring to provide an understanding of the slope behaviour over time and typical response to external events (e.g. Precipitation and seasonal fluctuations) and (b). Predictive Monitoring: To provide a warning of a change in behaviour, enabling the possibility of limiting or intervening to prevent hazardous sliding. The data so analyzed should be provided with reference to the above.

(xii) Paved drains are to be provided to protect the slope surfaces against rain-cuts and seepage during rains to make a safe way to discharge top and surface water to the bottom of the dump. Constant vigilance on the condition of dumps with special reference to accumulation of water and development of cracks.

(xiii) Regular Monitoring of above mentioned specific conditions shall be included in the monitoring plan and report submitted to the Ministry of Environment,

Forests and Climate Change and its Regional Office located at Lucknow on six monthly basis.

4. All other terms and conditions mentioned in this Ministry's letter of even no. dated 11th December, 2009 and its amendments on 05.03.2012 shall remain the same.

5. This issues with the approval of the Competent Authority.

**(Dr. V.P. Upadhyay)**
**Director**

**Copy to:**

1). **The Secretary**, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi
2). **The Department of Mines & Geology**, Government of Rajasthan, Secretariat, Jaipur
3). **The Secretary,** Department of Environment, Government of Rajasthan, Secretariat, Jaipur
4). **The Secretary**, Department of Forests, Government of Rajasthan, Secretariat, Jaipur
5). **The Addl. Principal Chief Conservator of Forests**, Central Region, Ministry of Environment and Forests, B-1/72, Sector-A, Aliganj, Lucknow-226020.
6). **The Member Secretary**, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7). **The Chairman**, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur.
8). **The Controller General**, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur - 440 001
9). **The District Collector**, Bhilwara District, Rajasthan.
10). **Guard File**
11). **MoEF website.**

**(Dr. V.P. Upadhyay)**
**Director**