



**State Level Environment Impact Assessment Authority
Madhya Pradesh
Government of India
Ministry of Environment & Forests**

Madhya Pradesh Pollution Control Board

E-5. Arera Colony

Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>

Tel:0755-2466970

No:391/EPCO-SEIAA/08

Date: 29-04-09

To,
M/s Krishna Metal Agency
158/B, Sector 'F' Narwal Chouraha
Sanwer Road, Indore (M.P.)

Sub: Environmental clearance for M/s Krishna Metal Agency for their proposed lead acid Batteries scrap recycling unit at plot no 158-B, Sector-F, Sanwer Road Industrial Area, Indore (M.P.) Case no 120/2008.

This has reference to your letter no. Nil dated 23/06/2008 along with Form-1, Executive Summary and EIA/EMP seeking environmental clearance for the above project under the EIA Notification, 2006.

2. The State Level Environment Impact Assessment Authority that the proposal is for the environmental clearance for setting up of Lead and batteries scrap recycling unit at 158/B, Sector - 'F', Sanwer Road, Indore. The total land of the project will be 900 sq.m. The production capacity of the unit will be 1000 MT/year.
3. Bag filter, Cyclone, Dust collector, wet scrubber, I.D. Fan and 100 ft. high chimney will be installed to control the emission from the unit. The water requirement (2000 litre/day) will be met from the ground water. Lead slag or lead bearing residues will be disposed off through landfill in common treatment storage and disposal facility after recovery of metals (if possible) and lead ash and particulate from flue gas will be recycled and reused in the process.
4. The project activity is listed at S.N.3(a) under Category 'B' of schedule of EIA Notification 2006 being located in the industrial area, no public hearing/consultation is required and thus MP SEIAA hereby records EC to the above project under the provisions of EIA Notification dt 14th September 2006 subjected the compliance of the following specific and general conditions:-

A. Specific Conditions

- i. The company shall get registration for recyclers and re-refiners from the CPCB as per the procedure laid down under Rule 8 of the Hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2008.
- ii. Standards notified for lead recycling unit under the Environment (Protection) Act, 1986 and as amended time to time shall be followed.
- iii. The Company shall obtain permission to establish under Water (Prevention and Control) Act 1974 under section 25 and Air (Prevention and Control) Act 1981 under section 21 prior to any development at site and copy of permission to establish shall be submitted to SPCB, CPCB and Ministry's Regional Office at Bhopal.
- iv. Lead emission from the stack shall be less than 10mg/Mm³ and the particulate emission shall be less than 50 mg/Nm³. The company shall provide monitoring arrangement with the stack and regular monitoring shall be carried out and report shall be submitted to SPCB and CPCB and Ministry's Regional Office at Bhopal.
- v. The project authorities shall install cyclone separator/bag house followed by stack of adequate height as per CPCB guidelines to control the emission. The company shall effectively operate and maintain the pollution control system to achieve the emissions within the SPCB/CPCB limits.
- vi. The company shall provide interlocking system with the process and pollution control equipments so that the plant automatically stops in case the pollution load exceeds the prescribed limit. The company shall connect the pollution control equipments to DG set to ensure operation of these equipments during power failure.
- vii. The company shall install neutralisation and treatment system for residual acid in the scrap batteries used as raw material.
- viii. The industry shall treat and recycle the waste water generated from washing and neutralization and domestic waste water shall be disposed off through soak pit.
- ix. PVC container and hard rubber box shall be sold to authorized buyers.
- x. The solid waste/slag generated from air pollution control equipment and process shall be stored, handled and disposed off in accordance with the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
- xi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xii. Green belt shall be provided in 33% of the project area to mitigate the effects of fugitive emissions as per the Central Pollution Control Board guidelines.

B. General Conditions

- i. The project authorities shall strictly adhere to the stipulations made by the SPCB, the State Government and any other statutory body.
- ii. The project authorities shall control the emissions from the DG set as per the CPCB guidelines.
- iii. No further expansion or modifications in the plant shall be carried out without prior approval of the State Level Environment Impact Assessment Authority (SEIAA). In case of deviations or alterations in the project proposal from those submitted SEIAA for clearance, a fresh reference shall be made to SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iv. Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems will be laid in accordance with Factories Act. Better house keeping practices shall be adopted for improvement of the environment within the work environment. These include:
 - a. All material transfer points shall be connected to dust extraction system.
 - b. Leakages of dust from machines and ducts shall be plugged.
 - c. Floor shall be cleaned by vacuum cleaner only.
 - d. Covered feeding mechanism of raw material shall be adopted to avoid exposure of fumes.
- v. Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.
- vi. Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.
- vii. The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the down wind direction as well as where maximum ground level concentrations are anticipated.
- viii. The company shall undertake rainwater harvesting measures to recharge the ground water in the area.
- ix. The usage of personnel protective equipments (PPEs) by all employees/workers shall be ensured.
- x. The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the State Pollution Control Board within three months of receipt of this letter for approval.

- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
 - xii. Adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.
 - xiii. The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended and Hazardous Waste (Management Handling and transboundary Movement) Rules, 2000. Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.
 - xiv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
 - xv. The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bhopal. A six monthly compliance status report shall be submitted to monitoring agencies.
 - xvi. The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SEIAA and may also be seen at Website of the Ministry and forests at State Level Impact Assessment Authority at www.mpseiaa.nic.in.
 - xvii. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office.
5. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 6. The SEIAA reserves the right to stipulate additional conditions if found necessary. The company shall implement these conditions in a time bound manner.
 7. Any appeal against this environmental clearance shall be lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

8. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management & Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Sd-
(Deepti Gaur Mukerjee)
Member Secretary, SEIAA

Endt No.392 /SEIAA/EPCO/09

Dated:-29-04-09

Copy to:-

1. Principal Secretary, Govt. of MP, Housing and Environment Deptt., Mantralaya , Bhopal.
2. Chairman M P Pollution Control Board, Paryavaran Parisar, E-5 Sector, Aera Colony , Bhopal.
3. E I Division, Ministry of Environment and Forest, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
4. Regional Office, MOEF, Link Road No 3, Bhopal.
5. Guard File.

Sd/-
(Deepti Gaur Mukerjee)
Member Secretary, SEIAA