



**State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)**

Environmental Planning Coordination Organization (EPCO)
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No: 4419 SEIAA/2015
5.8.14

To,
Shri S.M. Jain, Director
M/s Venus Alloys, (P) Ltd. (unit-2)
67, Industrial Area,
Mandsaur (M.P)-458001

Sub:- Case No. 1807/2014 Prior Environmental Clearance for proposed Mini Steel Plant for production of M.S. Ingots / Billets and TMT bars at Patwari Halka No. -12, Khasra no. 612/1/1 Village- Fatehgarh, Tehsil- Dalaud, District-Mandsaur (MP) - 455001 Production Capacity: M.S. Ingots / Billets to 84000 TPA and TMT bars 77700 TPA by M/s Venus Alloys, (P) Ltd. (unit-2) through Director Shri S.M. Jain, 67, Industrial Area, Mandsaur (M.P)-458001 *Email: get1508@hotmail.com*

Ref: Your application dtd. 23.09.14 received in SEIAA office on 23.09.2014

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the MoEF & CC, GoI vide S.O. 1533 (E), dtd 14.09.2006 & its amendment, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR and EIA Report and additional clarifications furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.


- (i) The project is for production of M.S. Ingots / Billets 84000 TPA and TMT bars 77700 TPA with byproducts MIS Rolls-2100 TPA, End cuttings – 2100 TPA and Mill Skull- 2100 TPA. PP has proposed to install 2 nos induction arc furnace. The proposed production capacity is more than 30,000 (using induction arc furnace) hence project is covered under 3 (a) category of the MoEF, GoI EIA Notification 2006 and its amendments.
- (ii) The total land area of the project is 5.0 ha (50,000 sqmt.) for which lease deed is executed (dtd 05.12.2013) between the Governor of MP through General Manegar District Trade and Industries Centre, Mandsaur and M/s Venus Alloys, (P) Ltd. (unit-II) 67 through Director Shri S.M. Jain, 67, Industrial Area, Mandsaur for the period of 30 years (w.e.f. 05.12.1913 to 04.12.2043)
- (iii) There is no inter-state boundary within 05 km (EE, PWD letter dtd.10.01.14) and no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 05 km of the boundary (DFO letter dtd. 10.01.14), hence, general conditions are not attracted.

(Signature)
(Ajatshatru Shrivastava)
Member Secretary

- (iv) Public Hearing was conducted at Village- Fatehgarh, Tehsil- Dalauda, District- Mandsaur on 28th February, 2015 under Chairmanship of Shri J.C. Borasi , Additional Collector District Mandsaur . No adverse comments were observed in the Public hearing.
- (v) The source of water supply for the project is Ground water (Bore well) (letter from SDO (Revenue) dtd. 27.05.14 & 02.06.14 for boring permission). The total water requirement is 90 KLD (domestic 15.00 KLD, Cooling water 75 KLD).
- (vi) The water shall be required only for cooling and domestic purpose hence no industrial effluent shall be discharged. The total waste water generation is 5.0 KLD (domestic waste water) and is proposed to be treated through septic tanks. The wastewater from DM/Softner will be mixed with raw water and used for gardening / dust suppression.
- (vii) For control of air emission PP has proposed hoods, bag filter, ID fan and stack (3 nos.) of 40 m, 30 m, 15m height for IF, RHF, DG set respectively.
- (viii) PP has proposed solid waste generated during construction phase will be suitably reused for leveling the site and laying of internal roads. The top soil will be preserved and used for landscaping purpose. The solid waste generated from the process namely plant dust, mill scale, papers etc (2.0 MT/year) shall be sold to local vendor. The Iron Slag (150 Tonnes / month) generated from process will be recovered in iron recovery unit and reused in furnace and in civil work & bricks manufacturing. The spent oil from DG sets will be sold to MPPCB authorized vendors/agencies.
- (ix) PP has proposed roof top (11000 sq. m.) rain water harvesting with annual ground water recharge of 7480 cum.
- (x) PP has included disaster management plan, fire fighting provisions in the EIA Report.
- (xi) PP has proposed to develop 33% (16500 sq.m) of total land area as green area including 2700 nos. of trees.
- (xii) PP has proposed CSR activities.

Based on the information submitted at Para i to xi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 207th meeting held on 09.06.2015 and decided to accept the recommendations of 190th SEAC meeting held on dtd.06.05.15.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 to the proposed mini steel plant for production of M.S. Ingots / Billets and TMT bars at Patwari Halka No. -12, Khasra no. 612/1/1 Village- Fatehgarh, Tehsil- Dalaud, District-Mandsaur (MP) - 455001 Production Capacity: M.S. Ingots / Billets to 84000 TPA and TMT bars 77700 TPA by M/s Venus Alloys, (P) Ltd. (unit-2) through Director Shri S.M. Jain, 67, Industrial Area, Mandsaur (M.P) subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.


(Ajatshatru Shrivastava)
Member Secretary


Case No. 1807/2014

Issued vide letter no. 4419-20 dated 5.8.15

Case No.: To be quoted in registered cases for correspondence

A. Specific Conditions as recommended by SEIAA

1. In case the ground water requirements exceed 100 KLD PP should ensure to obtain NOC from the CGWA/Competent authority.
2. PP should ensure zero waste water discharge from the process.
3. PP should ensure air pollution control measure as proposed in EMP and should conduct regular monitoring of stack emissions & ambient air as per MPPCB / CPCB norms.
4. PP should ensure the disposal of hazardous waste through authorized agencies and obtain consents from competent Authorities.
5. PP should ensure roof top rain water harvesting for ground water recharge.
6. PP should obtain NOC for fire and approval for onsite emergency plan, health and safety plan from the Competent Authorities.
7. **Green Area:**
 - a. PP should ensure plantation of 75 m wide buffer zone towards the highway. Accordingly, PP should revise the layout plan so as to locate furnaces on the farthest end.
 - b. PP should ensure plantation in two rows all along the periphery of the project area, and along the roads with one tree per 100 sq. m. of the plot area subject to minimum of 33% of the total area of the project. PP should ensure plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Karanj, Kachnaar, Bakan & Sisham etc along with fruit trees.
 - c. Every effort should be made to protect the existing trees on the plot.
 - d. Accordingly the budget proposed for plantation should be increased from Rs. 2.00 lakhs to 10.00 lakhs.
8. PP should adopt village Fatehgarh, create Women Self Help Groups (SHGs) for training, skill development, health programs, education programs, sanitation (toilets) and give at least 50% contribution for the SHGs. Accordingly, the budget for CSR activities should be increased.
9. PP should ensure proper road width and turning radius for the trucks and movement of vehicles. PP should ensure Pucca Parking bay for raw material and finished goods for at least 20 trucks.


(Ajatshatru Shrivastava)
Member Secretary

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B. Specific Conditions as recommended by SEAC

10. COC in cooling tower shall be maintained at least up to 6-7 cycles.
11. Bleed-water has to be diluted before using the same in irrigation.
12. Necessary consents / authorization shall be obtained from MPPCB and any additional APC or Waste-water treatment technology has to be installed as directed by MPPCB.

Standard Conditions - Encl: Annex-I


4420
Endt No. / SEIAA/ 15
Copy to:-

Dated 5.8.15


(Ajatshatru Shrivastava)
Member Secretary

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Mandsaur - M.P.
- (5). The Commissioner, Municipal Corporation, Mandsaur MP
- (6). M.D. AKVN IIDC, District- Mandsaur, MP.
- (7). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (8). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (9). Guard file.

Encl: Standard Conditions (Annex-I)


(Ajatshatru Shrivastava)
Member Secretary

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State Environment Impact Assessment Authority, M.P.

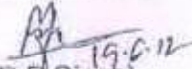
(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

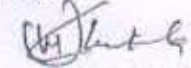
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Annex-I

Standard Conditions related to Activity 3 (a) - Metallurgical Industries of Category B projects under the Schedule of Ministry of Environment and Forests, GoI notification dtd 14-09-06

1. Any enhancement of capacity, change in technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
2. Environmental Management Plan (EMP) should be in strictly in accordance to the findings of Environmental Impact Assessment.
3. Execution of all activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.
4. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S R. No. 826 (E) dated 16th November, 2009 shall be followed.
6. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of raw material shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. No overloading of raw material for transportation shall be committed.
7. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and displayed.
8. Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the CPCB.
9. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office of the Ministry of Environment and Forest, Bhopal and the M.P. Pollution Control Board / Central Pollution Control Board once in six months.
10. Water sprinkling shall be done to control fugitive emission. Monitoring of fugitive emissions in the work zone environment shall be carried out regularly as per the CPCB guidelines and reports submitted to Madhya Pradesh PCB / CPCB and Ministry's Regional Office at Bhopal.
11. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 as amended from time to time. The treated wastewater shall be utilized for plantation and dust suppression purpose. The domestic waste water shall be treated in septic tank followed by soak pit.
12. The Project Proponent shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
13. Measures shall be taken for control of noise levels below 75 dBA in the work environment. Workers shall be provided with ear plugs / muffs.


(Dr R P Singh)
Officer-in-Charge


(Dr U M Shukla)
Officer-in-Charge

1 of 3

3 (a) - Metallurgical Industries of Category

Issued Vide 4419-20
Dated 5.10.12
EPCO


State Environment Impact Assessment Authority, M.P.

(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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14. All the solid waste shall be properly utilized or disposed off in environment friendly manner or in secured landfills within the plant premises as per the CPCB guidelines. Waste oil and oily sludge shall be provided to registered recyclers / reprocessors as per CPCB guidelines.
15. Proper house keeping shall be ensured and all the raw material including scrap, coal, slag, sludge and oily waste shall be stored separately in designated place only. All the other solid wastes including broken refractory mass shall be properly disposed off in environment - friendly manner.
16. The Proponent shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
17. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
18. All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees shall be ensured as per the Factories Act and records maintained.
19. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
20. The project authorities shall inform to the Regional office of the Ministry of Environment and Forest, Bhopal and MPPCB final approval of the project by the concerned authorities and the date of start of land development work.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal.
22. The Regional Office, MoEF, Gol, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.
23. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation, if any shall be submitted to the Regional Office, MoEF, Gol, Bhopal, MP PCB within six months.
24. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1st June and 1st December of each calendar year.
25. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in addition to the associated Government Departments responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
26. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.


(Dr R P Singh)
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2 of 3

3 (a) - Metallurgical Industries of Category

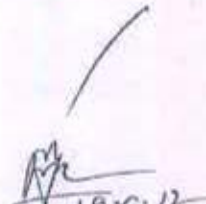
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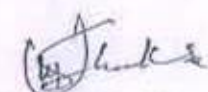
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27. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.
28. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
29. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
32. The conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
33. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
34. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
35. The Corporate Social Responsibility as envisaged in the office memorandum dtd 18.05.2012 of the Ministry of Environment & Forests should be appropriately ensured.
36. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.


(Dr R P Singh)
Officer-in-Charge


(Dr U M Shukla)
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3 (a) -Metallurgical Industries of Category

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