



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

Environmental Planning Coordination Organization (EPCO)
Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16

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No: 593 /SEIAA/2017

Date: 31.5.17

To,
Shri Divyansgu Bansal, Director
305-306, Airen Heights,
B/h Pakiza, 14, PU-3, Commercial, Vijay Nagar,
AB Road, Indore, MP – 452010

Sub:- Case No.5444/2016 Prior EC for proposed expansion of Mini Steel Plant from 40000 MTPA to 2,00,000 MTPA of Billets & TMT Iron Bars at Plot no. 460,461,& 475 Sector-3 Industrial Area Pithampur District - Dhar,(M.P.) Land Area- 31000 sq.m. Existing Capacity- Ms Ingots, Bar & Casting- 40000 MTPA by M/s Shivangi Rolling Mills Pvt. Ltd, through Director, Divyansgu Bansal,305-306, Airen Heights, B/h Pakiza, 14, PU-3, Commercial, Vijay Nagar, AB Road, Indore, MP – 452010 email:shivangi111@yahoo.in Ph-0731-4208995 Env't. Consultant- CES, Bhopal

Ref: Your application dtd. 25.10.16 received in SEIAA office on 27.10.2016


With reference to the above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR, EIA Report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The proposed project is expansion of Mini Steel Plant from 40,000 MTPA to 2,00,000 MTPA of Billets & TMT Iron Bars (Existing Capacity- 40000 MTPA Proposed expansion capacity- 1,60,000 MTPA).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) PP has submitted compliance report of Consent (letter dtd.23.02.17) issued by MPPCB Regional Office, Pithampur for the existing project. As per the consent report the implementation of environmental parameters are found satisfactory and some compliance are in progress.

Case No. 5444/2016

Issued vide letter no. 593/17 dated 31.5.17

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

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- (iii) The total land area of the project is 31000.0 sq.m for which lease deed is executed (dtd 14.05.2003 & 30.10.2010) between MD, Industrial Infrastructure Development Corporation (Indore) and M/s Shivangi Mills Pvt. Ltd Plot no. 460,461,& 475 Sector-3 Industrial Area Pithampur District - Dhar,(M.P.), for the period of 30 years (w.e.f. 14.05.2003 to 13.05.2033).
- (iv) There is no inter-state boundary within 05 km and no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 05 km of the boundary hence, general conditions are not attracted.
- (v) The project is located in notified Industrial area Pithampur, District Dhar (M.P), approved by AKVN hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (vi) The source of water supply for the project is MPAKVN (agreement dtd. 04.07.2011). The total water requirement for the existing unit is 155 KLD (domestic 5.0 KLD, Cooling water 150.0 KLD). After expansion the total water requirement will be 625 KLD (domestic 25.0 KLD, Cooling Rolling Mill/Softener 600 KLD).
- (vii) The water shall be required only for cooling and domestic purpose hence no industrial effluent shall be discharged. Thus the production process is zero discharge. The total waste water generation for the existing unit is 1.0 KLD (domestic 1.0 KLD). After expansion the total waste water generation will be 22.0 KLD (domestic 22.0 KLD). PP has proposed STP for treatment of domestic waste. The treated water from STP shall be used for gardening and spraying of roads. The softener will be used instead of DM water plant, and the rejects shall be used for slag quenching.
- (viii) The raw material is being transported from Raipur, Raigarh and from South States, the Factory is well connected with Mhow – Ghatabillod Road, which is well connected with NH-3 & NH-79.
- (ix) PP has proposed that during the transportation of material, the vehicle does not park for more than 6 hrs. All the internal roads have been made pucca with RCC, and water spraying is in practice.(existing capacity of truck-08 nos/day & proposed capacity- 34 nos/day).
- (x) The air emission expected from induction furnace & DG set (500 KVA) & Fugitive Emission. For control of air emission, PP has proposed the following arrangement:-

Sources	Control Measures
Induction Furnace	Type of hood to capture fumes – Canopy Type Outlet Stack emission system < 50 mg/Nm ³ Type of filter Used – Reverse Pulse Jet cleaning Stack height of 35m The industry will explore the possibility of installing 2 nd stage Fume extraction system, on the top of the shed.
D.G. Set (500 KVA) x 1	Equipped with Acoustic Enclosure
Fugitive Emission	All the internal Road will be pucca and regular water sprinkling shall be carried out on Roads

- (xi) The solid waste generated from the process namely plant dust, mill scale, papers etc (5.0 TPA) shall be sold to local vendor. The Iron Slag (12000 TPA) generated from process will be reused in furnace and in civil work & bricks manufacturing. The spent resin from softener plant and spent oil from DG sets will be sold to MPPCB authorized vendors/agencies.
- (xii) PP has proposed roof top rain water harvesting (4,000 sq.m.) for recharging of ground water.
- (xiii) Storm water drains have been provided to avoid flooding in the project site area and provision has been made for runoff get diverted to recharge pits.
- (xiv) PP has proposed disaster management, fire fighting provisions in the project site.
- (xv) PP has submitted at present around 2160 sq.m. area has been developed as green belt by planting 1500 odd nos. of species. After expansion PP has proposed to plant approx 2000 nos of trees and shrubs of various types that include Neem, Sisham, Gulmohar, etc., approx. 1000 Nos of the species of the similar variety will be planted at the periphery of the premises. The company will cover 8070 sq. m. of land with plantation/greenbelt, thus total green area would be 10230 sqm
- (xvi) Under CSR activities PP has proposed Infrastructure development through MPAKVN, health check-up camps, campaign against plastic in Indore, Tobacco etc. Fencing nearby Graveyard, Cleaning of nearby Pond' Training to nearby tribal youth to provide them employment in the plant and construction of 4 nos. of toilet in village Sulawad with budgetary provision of Rs. 6,70,000.

Based on the information submitted at Para i to xvi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 425th meeting held on 28.04.2017 and decided to accept the recommendations of 288th SEAC meeting held on dtd.30.03.2017.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 to the expansion of Mini Steel Plant from 40000 MTPA to 2,00,000 MTPA of Billets & TMT Iron Bars at Plot no. 460,461,& 475 Sector-3 Industrial Area Pithampur District - Dhar,(M.P.) Land Area- 31000 sq.m. Existing Capacity- Ms Ingots, Bar & Casting- 40000 MTPA by M/s Shivangi Rolling Mills Pvt. Ltd, through Director, Divyansgu Bansal,305-306, Airen Heights, B/h Pakiza, 14, PU-3, Commercial, Vijay Nagar, AB Road, Indore, MP – 452010 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.

A. Specific Conditions as recommended by SEIAA

- (1) The entire demand of fresh water should be met through AKVN supply and there should be no extraction of ground water.
- (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 and ambient air as per MPPCB / CPCB norms. For regular monitoring of air emission PP should installed ambient air monitoring stations.

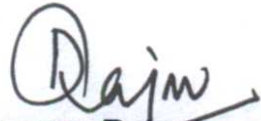
- (4) PP should ensure the disposal of hazardous waste through authorized agencies and obtained consents from competent Authorities.
- (5) Raw material should be unloaded from raw material yard only through main road to avoid traffic congestion and accident.
- (6) PP should ensure entire roof top area of plant should be used for rain water harvesting for ground water recharge with 02 nos of recharging pit.
- (7) The concrete road of the site area should be regularly cleaned.
- (8) PP should obtain NOC for fire and approval for onsite offsite emergency plan, health and safety plan from the Competent Authorities.
- (9) Under green area development PP should ensure : -
 - (a) Plantation in three rows all along the periphery of the project area, and along the roads, subject to minimum of 33% of the total area of the project with budgetary provision of Rs.12.50 lakh.
 - (b) Plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Karnj, Kachnaar etc.
 - (c) Periphery Plantation (750 nos of trees) should be completed within one year within the plant premises.
 - (d) Every effort should be made to protect the existing trees on the plot.
- (10) PP should ensure implementation of CSR activity of Rs. 10.0 lakh in consultation with Collector, Dhar and ensure to submit one copy of the proposal in SEIAA.
- (11) PP should ensure preference should be given to local tribal youth to fulfill the man power requirement.
- (12) PP should ensure all the raw material including scrap, coal, slag, sludge and oily waste shall be stored separately in designated place.
- (13) Monthly monitoring should be done of all the environmental parameters and Environmental Management Cell meeting should be carried out every month.

B. Specific Conditions as recommended by SEAC

- (14) Close circuit cooling system should be provided. Oil skimmer should be provided for removal of oil and there after it should be used for the cooling. The separated oil shall be stored in the MS drums and be disposed off through authorized recyclers after obtaining the permission from the M. P. Pollution Control Board.
- (15) Re-heating furnace shall not be used in the process and should be dismantled.
- (16) Storm water drains should be maintained properly.
- (17) Treated water from the STP should be used for the green belt and to achieve the zero discharge norms.

- (18) As proposed, reverse pulse jet cleaning bag filters should be provided as APCD with 2nd stage fume extraction system on the top of the shed.
- (19) Magnetic flow meters shall be provided at the inlet/outlet of water supply point and records for the same shall be maintained and submitted to MPPCB regularly.
- (20) The PP should comply with the provisions made in Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016.
- (21) Dedicated parking facility for unloading of materials/wastes shall be provided in the facility premises. PP shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
- (22) Selection of plant species shall be as per the CPCB guidelines and in consultation with the DFO.
- (23) PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- (24) Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
- (25) Atleast two on-line continuous ambient air quality monitoring stations on suitable locations should be provided and data connectivity must be provided to the MPPCB's server for remote operations.
- (26) All recommendations and pollution mitigative measures proposed in the EMP shall be binding for the project authorities.
- (27) The ambient air quality shall be monitored in and around the industry and results shall be submitted to the MPPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the MPPCB.
- (28) The overall noise level in and around the facility area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
- (29) Good housekeeping shall be maintained within the premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.
- (30) The Environmental Management Cell with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
- (31) PP will obtain other necessary clearances/NOC from concerned authorities.

- (32) The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.


(Anupam Rajan)
Member Secretary


Endt No. ⁵⁹⁴ / SEIAA/ 2017

Dated 31.5.12

Copy to:-

- (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, District Dhar, M.P.
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra-Mumbai Highway Indore(M.P).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

Encl: Standard Conditions (Annex-I)


(Dr. Sanjeev Sachdev)
Officer-in-Charge

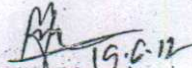
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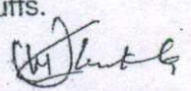
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Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

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

3 (a) -Metallurgical Industries of Category

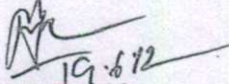
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Dated 31.5.12
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Research and Development Wing; Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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)
Officer-in-Charge


(Dr U M Shukla)
Officer-in-Charge

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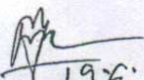
3 (a) -Metallurgical Industries of Category


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Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

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)
Officer-in-Charge

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3 (a) -Metallurgical Industries of Category

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