



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

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

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

Tel:0755-2466970, 2466859

Fax : 0755-2462136

No: 1440 /SEIAA/2018

Date: 4.10.18

To,  
Shri Rajiv Chadha,  
Opposite - G.S.College,  
Civil Lines, Jabalpur,  
MP - 482003

**Sub:- Case No. 5667/2018** : Prior Environment Clearance for Expansion in production Capacity of Iron Ore Beneficiation plant from 90000 TPA to 300000 TPA at Khasra No. 1547, Village- Gandhigram, Tehsil - Sihora, Dist. Jabalpur (M. P) Proposed project area – 25500 sq.m.(7.310ha lease area) Proposed Capacity- 300000 TPA beneficiated Ore with throughput capacity – 4, 80,0000 TPA by Shri Rajiv Chadha, Opposite - G.S.College, Civil Lines, Jabalpur, MP - 482003 E-mail : chadharajeev7310@gmail.com Mobile No. 09926181818. Env't. Consultant-CES, Bhopal

Ref: Your application dtd. 22.03.2018 received in SEIAA office on 24.03.2018

With reference to 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 14<sup>th</sup> 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 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 enharnachement in the production capacity of iron ore benefaction plant from 90,000 MTPA to 3,00,000 MTPA, with throughput 4,80,000 Metric Ton Per Annum (MTPA).
- (ii) PP has submitted certified compliance report of earlier EC (SEIAA for the case no. 37/2008 letter dtd.27.07.18) for the existing project issued by Regional Office MOEF&CC Bhopal vides letter No. 18-B-1/2014 (SEAC) /276 dtd. 14/10/2014.
- (iii) The mineral beneficiation activity listed in the Schedule as Category 'B', with throughput more than 90,000 TPA hence project is covered under 2 (b) category of the MoEF, Gol EIA Notification 2006 and its amendments.
- (iv) There is no inter-state boundary within 10 km and no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the boundary (DFO letter dtd. 20.12.17) hence, general conditions are not attracted.
- (v) PP has submitted copy of registered lease deed (dated 03.03.2014) executed as per MP Govt order no. F-3-31/2013/12-2 Bhopal dtd. 22.01.14 for the lease area 7.310 ha.
- (vi) The Public Hearing was held on 16.07.2015 at mine site Village- Gandhigram, Tehsil - Sihora, Dist. Jabalpur (M.P.) under the Chairmanship of Additional Collector, Jabalpur.

Case No.5667/2018

Issued vide letter no. .... dated .....

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

Some issues regarding, employment, dust emission due to transportation, construction of pacca Road, air pollution control equipments, ground water table were raised during the Public Hearing which were addressed by PP.

- (vii) The main raw material iron ore blue dust requirement is 48000 TPA which is locally available within 50 km area from the site namely Gajraj Singh Iron Ore Mines, Jakodia Mines, Nilay Mines and Minerals and RAJ minerals.
- (viii) The source of water supply for the project is mine pit. The total water requirement after expansion will be 2400 KLD (domestic 5.0 KLD, green belt 05 KLD, Dust suppression 10KLD & Processing 2380). Process water will be collected in settling tanks of 6 nos. and again reused in process of washing.
- (ix) During the process of beneficiations no waste water shall be generated, PP has made all arrangements to recycle the waste water. Settling ponds has been design with baffle walls to settle the mud and other impurities and then water shall be taken to clear water sump for re- use.
- (x) The air emission expected from transportation of raw materials & products of the proposed project by using 50 trucks /day. To take care of fugitive emission, PP has proposed the following arrangement:-
  - a) Dust control systems will be provided.
  - b) Material conveying system inside plant is already equipped with dust collectors.
  - c) Covered storage system has been provided.
  - d) Nevertheless dust control by water sprinkling, installation of dust eviction equipment has been installed. A paved road within factory has been also proposed.
  - e) There has been cyclone separators with scrubbers at hydro-cyclones, crushers etc.
  - f) Green belt development along the road side and in the plant area.
  - g) Proper maintenance of haulage roads which are being used for transportation of material.
- (xi) For Tailing management PP has proposed as follows:-
  - a) During plant processing about 30 to 40% tailing is generated of total ore feeding to the plant.
  - b) Plant processing consumption of ore will be 1600 to 1800 M.T. of low grade per day having 45 to 52 % of Fe, which is bearing 15% moisture during the processing. About 450 to 550 MT tailing will be generated which is having 17 to 20 % Fe contents and moisture content is about 8 to 10%. For achieving the extra added 8 to 10% moisture with final product PP has installed a press filter which results in reduction of moisture up to 10 to 12% by which the water lost will be 8 to 10%. Tailing materials dumped in the site and partially give to bricks manufactures.
  - c) Possibility of further Fe extraction is in progress.
- (xii) Solid waste generated from iron ore beneficiation plant will be consists of impurities iron, the quantity of the solid waste is estimated aprox. 48000 MTPA, these solid wastes shall be given to nearby mines after permission from concern authorities.
- (xiii) The process is gravity separation, which required less power. solar power used for office building.
- (xiv) Project site is operative and green belt development is under progress approx. 860 nos of plants are planted in the site. After expansion PP has proposed to plant approx 1500 nos of trees and shrubs of various types that include Neem, Sisham, Gulmohar, etc., will be planted at along the road and the periphery of the premises. Out of the

total ML area of 7.310 ha the company will cover 2.4 ha of land with plantation/greenbelt.

- (xv) PP has included disaster management plan, fire fighting provisions in the EIA report.
- (xvi) Under CSR activities PP has proposed Infrastructure development through Grampanchayat Gandhigram, Education/training, provide computer -1 no. in Gandhigram Govt. school with a teacher at of pay roll, installation of Solar light- 05 nos. every year in nearby villages and religious purpose with budgetary provision of Rs. 2,70,000.
- (xvii) Investment/Cost of the project is Rs. 10.00 Crores.
- (xviii) Employment potential 100 Nos direct and 50 Nos indirect Benefits – revenue/ taxes to Govt. in form of excise duties.

Based on the information submitted at Para i to xviii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 502<sup>nd</sup> meeting held on 14.09.2018 and decided to accept the recommendations of 321<sup>st</sup> SEAC meeting held on dtd 16.08.2018.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 & its amendments to the proposed project for Expansion in production Capacity of Iron Ore Beneficiation plant from 90000 TPA to 300000 TPA at Khasra No. 1547, Village- Gandhigram, Tehsil - Sihora, Dist. Jabalpur (M. P) Proposed project area – 25500 sq.m.(7.310ha lease area) Proposed Capacity- 300000 TPA beneficiated Ore with throughput capacity – 4, 80,0000 TPA by Shri Rajiv Chadha, Opposite - G.S.College, Civil Lines, Jabalpur, MP - 482003 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. Total water requirement shall not exceed 2400 KLD and as per the proposal submitted 100% waster water shall be re-cycled in the process. No water shall be discharged outside the premises.
2. Garland drain surrounding the raw material storage area has to be constructed which shall be connected to the treatment plant. Efforts shall be made to make use of the rain water harvested.
3. Tailings generated from the process shall be used for brick manufacturing / building material as far as possible. Storing / dumping of this waste should be avoided. However, if stored or dumped, in abundant mine pit the ground water monitoring of the area has to be carried out periodically in consultation with MPPCB.
4. Dense green area (not less than 33% of the total plot area) shall be developed all around the site especially in the predominant wind direction.
5. Occupational health check-up camps shall be organized regularly and records of health of each and every worker should be maintained at site.
6. National Ambient Air Quality Standard issued by the Ministry vide GSR No. 826 (E) dated 16.11.2009 shall be followed.
7. Secondary fugitive emissions from all sources shall be controlled within latest permission limits issued by the Ministry and regularly monitored. Guidelines / Code or practice issued by CPCB shall be followed.
8. Regular monitoring of influent and effluents surface, sub-surface and ground water shall be ensured and treated waste water shall be re-cycled in the process. Leachate study for effluent generated & analyses should also be regularly carried out and report submitted to ministry and MPPCB.

10. PP should ensure implementation of CSR activity of Rs. 2,70,000 lakh as per the proposal submitted by the Proponent during presentation and in consultation with district administration as follows:-

S. No.	CSR Field	Fund allocated (Annually)
1	Education/Training	20,000/-
2	Infrastructure development through Grampanchayat Gandhigram	1,00,000/-
3	To provide Computer – 1. Nos. in Ghandigram Govt. School, with a teacher at or pay roll.	90,000/-
4	Installation of Solar Lights – 5 Nos. every year in nearby Villages.	50,000/-
5.	Religious purpose	10,000/-
	<b>Total</b>	<b>2,70,000/-</b>

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram panchayat.

**B. Specific Conditions as recommended by SEAC**

**(A) PRE-MINING PHASE**

11. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
12. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
14. PP will also carry out fencing all around the lease area.
15. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
16. For evacuation of minerals, evacuation road should be prepared and maintained by the PP.
17. For dust suppression, regular sprinkling of water should be undertaken.
18. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING AND BENEFICATION OPERATIONAL PHASE**

19. No blasting is permitted as per the approved mine plan and submissions made by the PP during presentation.
20. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4500 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
21. To control fugitive emissions, stock pile must have minimum 15% moisture.
22. Fixed type sprinklers shall be used for dust suppression on the internal roads.
23. Tailings shall be disposed off through brick manufacturers. No tailings/wastes shall be disposed off in the low lying area.
24. The PP should carry out the TCLP test of finished bricks.
25. Transportation of material shall be done in covered vehicles.

26. Transportation of minerals shall not be carried out through forest area.
27. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
28. 06 settling tanks (50m x 20m x 1.5m) shall be connected with settling pits shall be provided for proper sedimentation.
29. All the tanks area HDPE lined RCC bedded tanks to avoid any seepage or percolation of water into the ground.
30. Water sprinkling through tankers should be provided on 250 meter long and 04 meter wide haul road. However, regular water spraying should also be practiced on 300 meters long and width 06 meters wide transport road for dust suppression.
31. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
32. The land use plan is as follows:

Area of plant	
Storage Area for Iron ore	25,500 sqm
Storage Area for Product	5,000 sqm
Storage Area for Discards	5,000 sqm
Office	2,000 sqm
Open area	200 sqm
	13,300 sqm

33. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
34. Regular monitoring shall be carried out as per the proposal submitted by the PP and reports shall be submitted to MoEF&CC & MP PCB.
35. The water requirement shall be meet from the excavated mine pit as per the proposal submitted by the PP. No ground water abstraction shall be made without the approval of CGWB.
36. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
37. The commitments made in the public hearing are to be fulfilled by the PP.
38. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
39. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.
40. The process of beneficiation plant shall be gravity separation through hydroclone, screens, thickener etc through use of water only without any chemical process.
41. Tailing pond shall be in series for proper settlement of tailings with HDPE linings of suitable thickness and minimum 08 Peizometric sampling points all around them. Filter press shall also be provided for better recovery of water from tailings and same shall be reused in the process. Tailing shall be stored over the HDPE lined surface of suitable thickness.
42. Garland drains and settling tanks shall be provided all around the tailing ponds.
43. The waste water generated from the beneficiation plant shall be reused as committed by the PP.
44. Solid waste generated from the beneficiation process shall be utilized for value added materials such as brick manufacturing /other beneficial uses as per the proposal submitted by the PP.
45. No effluent from the unit shall be discharged outside the plant premises and Zero discharge shall be maintained. PP should also install Internet Protocol PTZ

camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.

46. Hazardous wastes (if any) should be disposed off as per the authorization issued by MP Pollution Control Board.

**(C) ENTIRE LIFE OF THE PROJECT**

47. The proposed EMP cost is Rs. 64.50 lacks and Rs. 18.80 lacks /year are proposed as recurring expenses and Rs. 07.50 lacks is proposed for green belt development in the proposed EMP of this project.
48. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
49. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
50. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
51. PP will comply with all the commitments made vide letter dated 16/08/2018.
52. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

*Jitendra Singh Raje*  
(Jitendra Singh Raje)  
Member Secretary

1441

Endt No. / SEIAA/ 2018

Dated 4.10.18

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> 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 Jabalpur M.P.
- (5). Sarpanch, Gram Panchyat Gandhigram, Teshil -Sihora district-Jabalpur M.P
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, 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.

*Sanjeev Sachdev*  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge

Encl: Standard Conditions (Annex-I)

06A  
18

# 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

Annex-I

## Standard Conditions related to Activity 2 (b) - Mineral Beneficiation of Primary Processing 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 required prior environmental clearance as per EIA notification, 2006.
2. All activities / mitigative measures proposed by PP in Environmental Impact Assessment and approved by SEAC must be ensured.
3. 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 16<sup>th</sup> November, 2009 shall be followed.
6. Adequate protection against dust and other environmental pollution due to working of the plant shall be made. The status of implementation shall be reported to the Regional office of the Ministry of Environment and Forest at Bhopal and work shall be completed before commissioning of the plant.
7. Ground water quality shall be regularly monitored for contamination and depletion and records maintained. The monitoring data shall be submitted to the Regional office of the Ministry of Environment and Forests at Bhopal regularly.
8. Transportation of ore (beneficiated and otherwise) shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place.
9. The discharged water from the Tailing Dam (if any) shall be reused in the process and regularly monitored and report submitted to the Regional office of the Ministry of Environment and Forest at Bhopal, Central Pollution Control Board and the State Pollution Control Board.
10. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. No overloading of ores for transportation shall be committed.
11. Project Proponent shall explore the possibility of using solar energy, where ever possible.
12. The solid waste management has to be taken up as per the proposal submitted by PP.
13. All measures proposed for prevention of any discharge from the industry has to be implemented prior to the commencement of production.
14. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data.

*R.P. Singh*  
13.4.12  
(Dr R.P. Singh)  
Officer-in-Charge

*Vinita Vipat*  
13/4/12  
(Dr Vinita Vipat)  
Officer-in-Charge

*Sadhna Tiwari*  
13/4/12  
(Dr Sadhna Tiwari)  
Officer-in-Charge

1 of 3

Issued ~~Vide No. 44~~ SEIAA/EPCO  
Dated.....4.10.18

# 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

19

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.

15. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) 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.
16. Measures shall be taken for control of noise levels below 75 dBA in the work environment. Workers shall be provided with ear plugs / muffs.
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. 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.
19. 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.
20. 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.
21. The compliance of the stipulated conditions shall be monitored by the Regional Office, MoEF, Gol, Bhopal and MPPCB. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, Gol at Bhopal.
22. 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 of the MoEF, Bhopal and MPPCB to the competent authority of the State Govt. within six months.
23. 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
24. 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 relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.
25. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
26. 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

(Dr R P Singh)  
Officer-in-Charge

(Dr Vinita Vipat)  
Officer-in-Charge

(Dr Sadhna Tiwari)  
Officer-in-Charge

2 of 3

Issued vide No-41..... SEIAA/EPCO  
Dated 4.10.18

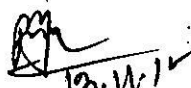


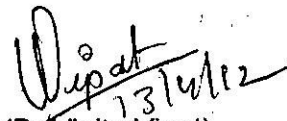
26

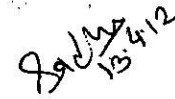
## State Environment Impact Assessment Authority, M.P.

(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

- 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](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.
27. 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.
  28. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
  29. The Ministry or any other competent authority may alter/modify the above 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 prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
  33. The above 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.
  34. 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, SO<sub>2</sub>, NO<sub>x</sub> (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.
  35. The environmental statement for each financial year ending 31<sup>st</sup> 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 Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

3 of 3

Issued Vide No. 1440-41 SEIAA/EPCO  
Dated. 11/10/18



**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

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

Tel:0755-2466970, 2466859

Fax : 0755-2462136

No: 1454 /SEIAA/2018

Date: 5.10.18

To,  
M/s Om Smelters & Rollers Pvt. Ltd,  
Prem Prakash Sadan, Behind Radhika Mandapam,  
Gwalior Road, Jhansi,  
UP-284001

**Sub:- Case No 5620 /2017 :** Prior Environmental Clearance for Expansion of Production Capacity of Mini Steel Plant at Khasra no. 283, 284, 285, 251, 287/1, 274/3, 274/2 Village- Bharteri, Tehsil - Chinor, Dist. Gwalior (MP) Existing Capacity : 18000 MTPA Proposed Capacity : 80000 MTPA Products: MS Billets/ Ingots, TMT Bars, MS Angle, Channel, Rolling Product, Missrol & cutting; Total Land Area of the project : 5.706 ha by M/s Om Smelters & Rollers Pvt. Ltd, Prem Prakash Sadan, Behind Radhika Mandapam, Gwalior Road, Jhansi, UP-284001, E-mail - omsmelter@gmail.com, Mob : 9889894881 Env. Consultant CES, Bhopal

**Ref:** Your application dtd. 04.12.17 received in SEIAA office on 12.12.2017

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 14<sup>th</sup> 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) This is a project for proposed expansion of production capacity of mini steel plant for manufacturing of MS Billets/ Ingots, TMT Bars, MS Angle, Channel, Rolling Product, Missrol & cutting in an existing unit..
- (ii) Its expansion of the existing industry, the Industry is in operation since 2015, with valid Water & Air Consent from M. P. Pollution Control Board for the production capacity 18000 MTPA and now going for expansion from 18000 MTPA to 80000 MTPA by installing one more Induction furnace of capacity 12T. The product & production of the existing & proposed are as follows :-

S. No.	Unit	Product Existing	Existing Capacity	Product Proposed	Proposed Capacity
1.	Rolling Mill, IF	TMT Bars, MS Billets / Ingots, MS Angle Channel, Rolling Product, Missroll & cutting	18000 MTPA	TMT Bars, MS Billets / Ingots, MS Angle Channel, Rolling Product, Missroll & cutting	80000 MTPA

Case No. 5620/2017

Issued vide letter no. .... dated .....

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

- (iii) This is a Mini Steel Plant. All non-toxic secondary metallurgical processing industries manufacturing >5000 tones/annum metal components are covered under the EIA Notification 2006 as amended 2009 and are mentioned at S.N. 3(a), B. Hence these projects are required to obtain prior EC before establishment.
- (iv) The industry is in operation since 2015, having valid Consents from State Pollution Control Board under section Water & Air Act, valid upto 30/09/2019
- (v) 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.
- (vi) Regarding land documents PP has submitted Khasra Panchsala (2013-14). As per the Khasra Panchsala the land is the name of Om Smelters & Rollers Pvt. Ltd through Director Kapil Bansal.
- (vii) The Public Hearing was held on 27.06.2018 at Panchyat Bhawan, Village- Bharteri, Tehsil - Chinor, Dist. Gwalior (MP) under the Chairmanship of Additional Collector, Gwalior. Some issues regarding, employment, dust emission due to transportation, air pollution control equipments, repairing of road from highway up to factory were raised during the Public Hearing which were addressed by PP.
- (viii) The main raw material MS Scrap /Sponge Iron and Ferro is locally available and transported through road which are as follows:

S.No.	Raw Material	Qty (Existing)	Qty (Proposed)	Source	mode of transportation
1	MS Scrap /Sponge Iron	20000 MTPA	88 000 MTPA	Indigenously Available	By Roads
2	Ferro Alloys	180 MTPA	600 MTPA	Indigenously Available	

- (ix) Water requirement would be 100 kld, mainly required for Cooling purpose and domestic usages. The water supply source is Ground water. Trade effluent will be nil and waste water from domestic use shall be 8 kld, which will be treated in STP of 10 kld capacity. The STP will comprise of equalization tank, Primary Clarifier, Aeration, Secondary Clarifiers, and will work on activated sludge process. The entire treated water will be used for plantation and gardening purpose.
- (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:-

Stack No.	Stack Description	Emission Rate (g/s)			Stack Height (m)	Stack Gas Temp. (°C)	Stack Gas Velocity (m/s)	Internal Stack Diameter (m)
		SPM	SO <sub>2</sub>	NO <sub>x</sub>				
1	IF chimney- 02 Nos.	8.8	4.9	3.6	35	80	15	1.8
2	DG set chimney- 1 Nos.	0.01	2.5	0.12	15	70	10	0.5

- (xi) Main solid waste will be generated in form of Iron Slag of 12000 MTPA, which will be used for road making and filling low line area after iron recovery. The Hazardous waste will be spent oil and lubrication oil of 1.5 kld will be given to the recyclers as per the provision of Hazardous Waste Management Rules.

- (xii) Total Electrical Power 9900 KVA shall be met by Madhya Pradesh Vidyut Vitran Company Limited. The company shall also install one D.G. set of 500 KVA, for power back up for Office use, and company will install solar panel for lightening the street light in premises. Direct hot billets shall be used for making TMT Bars which avoids the addition Re Heating furnace, which save fuel like FO/Coal.
- (xiii) At present the company has covered almost 1200 sqm area with greenbelt. In the expansion programme company will covered additional 17600 sqm area with plantation, thus the company will covered almost 33% area with Plantation. In the expansion programme company will planted approx. 1500 of trees and shrubs of various types that include Neem, Sisham, Gulmohar & Pipal etc., in the factory premises and also approx. 800 Nos of the species of the similar variety will be planted at the periphery of the premises.
- (xiv) Project Cost – 15.0 Crores (including Existing & proposed)
- (xv) Under the CSR activities PP has proposed as follows:-

S.No.	CSR Field	Fund allocated	Recurring
1	Drinking water facility in village Bharthari & village Manpur-5 Nos. of 10000 lt. HDPE water tank	3,50,000/-	-
2.	Repair the approach road from factory to highway as demanded in public hearing.	500000/-	200000/-
3	Sanitation -5 Nos toilets in village Manpur	250000/-	100000/-
4	Heath Check up Camps in Village Manpur, Barthari including eye camps,	50000/-	50000/-
5	Construction of community facilities as demanded in public hearing by providing TMT Bars & others	300000/-	100000/-
6	others for need based activities	300000/-	300000/-
	<b>Total</b>	<b>1750000/-</b>	<b>750000/-</b>

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram panchayat.

Based on the information submitted at Para i to xv above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 502<sup>nd</sup> meeting held on 14.09.2018 and decided to accept the recommendations of 321<sup>st</sup> SEAC meeting held on dtd 16.08.18.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the Expansion of Production Capacity of Mini Steel Plant at Khasra no. 283, 284, 285, 251, 287/1, 274/3, 274/2 Village- Bharteri, Tehsil - Chinor, Dist. Gwalior (MP) Existing Capacity : 18000 MTPA Proposed Capacity : 80000 MTPA Products: MS Billets/ Ingots, TMT Bars, MS Angle, Channel, Rolling Product, Missrol & cutting ; Total Land Area of the project : 5.706 ha by M/s Om Smelters & Rollers Pvt. Ltd, Prem Prakash Sadan, Behind Radhika Mandapam, Gwalior Road, Jhansi, UP-284001 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) PP should obtain NOC from concern deptt. (CGWA) for 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 construction 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 : -
- 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.
  - Plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Karnj, Kachnaar etc.
  - Periphery Plantation should be completed within one year within the plant premises.
  - Every effort should be made to protect the existing trees on the plot.
- (10) PP should ensure implementation of CSR activity as committed during presentation:-

S.No.	CSR Field	Fund allocated	Recurring
1	Drinking water facility in village Bharthari & village Manpur-5 Nos. of 10000 lt. HDPE water tank	3,50,000/-	-
2.	Repair the approach road from factory to highway as demanded in public hearing.	500000/-	200000/-
3	Sanitation -5 Nos toilets in village Manpur	250000/-	100000/-
4	Heath Check up Camps in Village Manpur, Barthari including eye camps,	50000/-	50000/-
5	Construction of community facilities as demanded in public hearing by providing TMT Bars & others	300000/-	100000/-
6	others for need based activities	300000/-	300000/-
	<b>Total</b>	<b>1750000/-</b>	<b>750000/-</b>

The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram panchayat.

- (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**

### **I Statutory compliance:**

- (14) The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Madhya Pradesh Pollution Control Board.
- (15) The project proponent shall obtain the necessary permission from the Central Ground Water Authority for drawl of 100 KLD ground water required for the project.
- (16) The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

### **II. Air quality monitoring and preservation**

- (17) The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31" March 2012 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- (18) The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
- (19) The project proponent shall install manual systems to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- (20) The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality I fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
- (21) Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- (22) The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- (23) Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. As committed by PP one road sweeping machine shall also be provided to control fugitive emissions.

- (24) Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- (25) The project proponent shall use leak proof trucks/dumpers for carrying raw materials and cover them with tarpaulin.
- (26) The project proponent shall provide covered sheds for raw materials like scrap and sponge etc.
- (27) The project proponent shall provide primary and secondary fume extraction system of adequate capacity at all melting furnaces.
- (28) Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, oil and cellars.

### **III. Water quality monitoring and preservation**

- (29) The project proponent shall carryout monitoring of effluent with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31" March 2012 from labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- (30) The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- (31) The project proponent shall submit monthly summary report of manual monitoring of ground water and effluent quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of MPPCB along with six-monthly monitoring report.
- (32) Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
- (33) Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- (34) The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
- (35) Garland drains and collection pits shall be provided for each stock pile of slag to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- (36) The project proponent shall practice rainwater harvesting to maximum possible extent.

### **IV. Noise monitoring and prevention**

- (37) Acoustic enclosers shall be provided for 500 KVA DG set for controlling noise pollution.
- (38) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

- (39) The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures**

- (40) The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- (41) Practice hot charging of slabs and billets/blooms as far as possible.
- (42) Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- (43) Provide the project proponent for LED lights in their offices and residential areas.

#### **VI. Waste management**

- (44) Used refractories shall be recycled as far as possible.
- (45) Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- (46) The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- (47) Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plants

#### **VII. Green Belt**

- (48) Green belt shall be developed in 9500 sq. meter area with total plantation of 1500 nos. of trees with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- (49) The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

#### **VIII. Public hearing and Human health issues**

- (50) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (51) The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- (52) Provision shall be made for the housing of 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (53) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

#### **IX. Corporate Environment Responsibility**



- (54) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- (55) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- (56) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- (57) Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- (58) The proposed EMP cost is Rs. 313.50 lacks and Rs. 164.30 lacks /year are proposed as recurring expenses and Rs. 07.50 lacks is proposed for green belt development in the proposed EMP of this project.
- (59) Under CSR activity, Rs. 16.70 lakhs with 05.70 lacs recurring is proposed in different activities and should be implemented through respective committees.
- (60) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- (61) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

#### **X. Miscellaneous**

- (62) PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- (63) The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- (64) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- (65) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- (66) 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 and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other

orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

**Standard Conditions:**


- (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) All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
- (3) 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.
- (4) Periodic monitoring shall be carried out as per norms for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> 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.
- (5) Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the CPCB.
- (6) Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) 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.
- (7) 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.
- (8) 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.
- (9) 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.
- (10) Measures shall be taken for control of noise levels below 75 dBA in the work environment. Workers shall be provided with ear plugs / muffs.
- (11) 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.
- (12) 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.

- (13) 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.
- (14) 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.
- (15) 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.
- (16) 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.
- (17) 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.
- (18) The Project Proponent has to upload only soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/>.
- (19) 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.
- (20) The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
- (21) 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](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.
- (22) 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.
- (23) The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
- (24) 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.
- (25) 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.

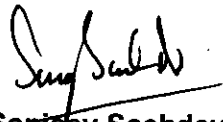
- (26) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (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.
- (27) The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
- (28) The environmental statement for each financial year ending 31<sup>st</sup> 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.

1455  
Endt No. / SEIAA/ 2018  
Copy to:-

Dated 5/10/18

  
(Jitendra Singh Raje)  
Member Secretary

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> 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 Gwalior M.P.
- (5). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (6). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (7). Guard file.

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge