



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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REGISTERED POST

No: 889 /SEIAA/2015
2.5.15


To,
Shri Jaikishan Jakhodia,
Jhakhodia Cottage, 184, Samta Colony,
Raipur, Chattisgarh-492001

Sub:- Case No.1937/2014 Prior Environment Clearance for Proposed Project "Jakhodia Minerals" for Iron Ore beneficiation unit at Khasra No.75 Part, Village Dhamki, Tehsil Sihora, District Jabalpur (MP); Land Area 0.88 ha, Capacity 19800 TPA by M/s Jakhodia Minerals, through Shri Jaikishan Jakhodia, Jhakhodia Cottage, 184, Samta Colony, Raipur, Chattisgarh-492001 email: Jmpl100@yahoo.com

Ref: Your application 17.10.14 received in SEIAA office on 20.10.2014.

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 14th September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, 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 Mineral (Iron Ore) beneficiation project and production capacity of 19800 TPA at Khasra No. 75 Part, Village Dhamki, Tehsil Sihora, District Jabalpur (MP). The project is covered under 2 (b) category B of the EIA Notification issued by the Ministry of Environment & Forests vice S.O.1533 (E), dtd. September 14, 2006 and its amendments. The throughput capacity is less than 20000 TPA hence as per MoEF & CC Gol, O.M. dtd. 24.12.13 the project has been categorized to B-2 project.
- (ii). The total land area of the project is 0.88 ha. As per Khara Panchsala (2014-15) the land ownership is the name of Shri Jaikishan Jakhodia.
- (iii). There is no National park / Sanctuaries, Eco-sensitive areas, critically polluted areas and inter-State boundaries within 05 km around the proposed site, hence the general conditions are not attracted.


(Ajatshatru Shrivastava)
Member Secretary

Case No. 1937/2014

Issued vide letter no. 889-90 dated 2.5.15

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


- (iv). The total make up water requirement is 60 KLD and for human consumption 500 liter per day. The source of water supply would be mines discharge, which is available from nearby mines. Alternatively a bore well will be dug for meeting the drinking water requirement and of process requirement.
- (v). PP has proposed 100% recycling of waste water with zero discharge. The water discharged at the end of every step is proposed to be used in second stage process, or diverted to settling tank for recovery of water and separation of tailing. PP has provided 125 m³ capacity tailing pond / tank (4 Nos.). The tailing pond will be used in rotation and the tailing is proposed to be sold to cement plant or brick makers
- (vi). Approximately 3940 MT/year, solid waste containing very low percentage of iron and having higher silica and alumina percentage will be generated. It is proposed to be collected in semi dry form and bagged in cement bags for sale to cement plant / to local brick manufacturing units.
- (vii). For control of air pollution during process and transportation PP has proposed water sprinkling on the approach roads, fugitive dust generation areas (loading / unloading). To prevent spread of dust Ore PP has proposed to cover finished material with tarpaulins; transport in bulk in moist condition through tarpaulin covered trucks, Periodical maintenance of process machinery; green belt development; protective appliances for workers etc.
- (viii). PP has proposed that the project is not power intensive, thus power requirement will be met through DG set along with LT power supply from electricity board.
- (ix). PP has proposed green belt in 0.264 ha area (30% of the total area).

Based on the information submitted at Para i to ix above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 189th meeting held on 27.03.2015 and decided to accept the recommendations of 170th SEAC meeting held on dtd. 28.01.15

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 to the proposed Project "Jakhodia Minerals" for Iron Ore beneficiation unit at Khasra No.75 Part, Village Dhamki, Tehsil Sihora, District Jabalpur (MP); Land Area 0.88 ha; throughput Capacity 19800 TPA by M/s Jakhodia Minerals, through Shri Jaikishan Jakhodia, Jhakhodia Cottage, 184, Samta Colony, Raipur, Chattisgarh-492001 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. In case the ground water requirement exceeds 100 KLD, PP should ensure to obtain NOC from the CGWA.
2. PP should ensure 100% recycling of waste water and maintain zero discharge.
3. PP should provide filter press to ensure extraction of moistures from the tailing collected from the sludge / tailing pond.


(Ajatshatru Shrivastava)
 Member Secretary

Case No. 1937/2014

Issued vide letter no. 88990 dated 29.5.15

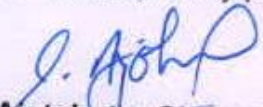
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4. PP should provide the shed and covered storage area for the storage of sludge.
5. PP should provide water proof lining in the sludge recovery tanks / settling / tailing ponds or any other tanks constructed at the project area
6. PP should ensure water sprinkling for dust suppression; regular monitoring of machineries; development of green belt; tarpaulin cover for finish material and trucks to control emissions
7. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
8. PP should ensure plantation as proposed in 0.264 ha. and it should be as per the CPCB guidelines.

B. Specific Conditions as recommended by SEAC

9. The beneficiation shall be carried out only through wet physical process, using water and no chemical shall be used in the process as proposed.
10. Ore will be covered by tarpaulins.
11. Regular maintenance of vehicles and machineries will be carried out.
12. Green belt development would be taken up all along the haul roads, plant premises etc. as per the proposal approved.
13. Solid waste generated from the process shall be disposed off appropriately preferably to the Cement units.

C. Standard Conditions - Encl: Annex-I


(Ajatshatru Shrivastava)
 Member Secretary

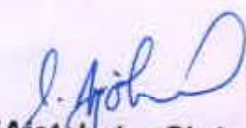
Endt No. ⁸⁹⁰ / SEIAA/ 15
 Copy to:-

Dated 2.5.15

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- (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- Jabalpur - M.P.
- (5). The Jt. Director Town & Country Planning, Jabalpur MP
- (6). General Manager, District Industries Centre, Jabalpur MP.
- (7). DFO, District Jabalpur MP
- (8). Gram Panchyat, Village Dhamki, Tehsil Sihora, District Jabalpur.
- (9). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (10). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (11). Guard file.

Standard Conditions - Encl: Annex-I


(Ajatshatru Shrivastava)
 Member Secretary

Case No. 1937/2014

Issued vide letter no. 889-90... dated 2.5.15

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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

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 16th 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, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data,

R.P.S.
(Dr R.P. Singh)
Officer-in-Charge

Vipat
(Dr Vinita Vipat)
Officer-in-Charge

Sadhna
(Dr Sadhna Tiwari)
Officer-in-Charge

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Issued Under No. 88790
Dated 2.5.15
M.P. WEPCO

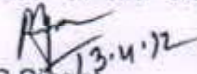
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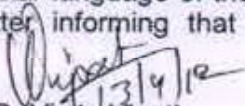
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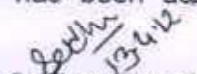
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topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and displayed.

15. Data on ambient air quality (RPM, SPM, 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.
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 1st June and 1st 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

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Dated 2.5.15
M.P. STATE ENVIRONMENTAL POLLUTION CONTROL BOARD

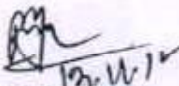
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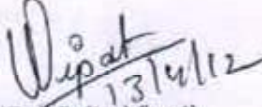
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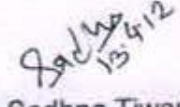
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Research and Development Wing, Madhya Pradesh Pollution Control Board,
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environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web 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.

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, 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.
35. 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.


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Officer-in-Charge


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Officer-in-Charge


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