



**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: 5429 /SEIAA/2015  
7.9.15


To,  
Shri Vikesh Jain, Director  
M/s Sharda Maa Enterprises Pvt. Ltd.,  
Kanchenjunga Building,  
UGF 1 & 2, 18 Barakhamba Road,  
New Delhi – 110001.

**Sub:- Case No. 1713/2013:** Prior Environment Clearance for Proposed Bijuri Coal Beneficiation Lease Area – 19.102 Acre (8.1ha.), Capacity – 0.9 MTPA Coal Washery at Khasra No. 82, 84, 85/1, 85/2, 104, 105/1, 105/2, 85/1 part, 105/1 part 79,93,99,92 Village – Mantola, Tehsil – Kotma, Distt. – Anuppur (M.P.) by M/s Sharda Maa Enterprises Pvt. Ltd., through Director Shri Vikesh Jain Kanchenjunga Building, UGF 1 & 2, 18 Barakhamba Road, New Delhi – 110001, Ph. No. 09425157562, Email – [vikeshjain@shardamaa.com](mailto:vikeshjain@shardamaa.com) Enviro Consultant – EMTRC Consultants Pvt. Ltd.

**Ref:** Your application 25.07.13 received in SEIAA office on 25.07.2013.

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 14.09.2006 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 Coal Washery project and production capacity of coal beneficiation is 0.9 Million Ton Per Annum at Village – Mantola, Tehsil – Kotma, Distt. Anuppur (M.P.). The proposed project is covered under 2 (a) 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 project comprises of coal unloading, handling, crushing, screening, washing with water, dewatering and separation of fines from washed water and storing the clean coal and rejects.


  
(Ajatshatru Shrivastava)  
Member Secretary

Case No. 1713/2013

Issued vide letter no. 5429-30 dated 7.9.15

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

- (ii). The coal washery will produce rejects and coal fines as byproduct. Both are significant calorific value and is proposed to be sold to power plant.
- (iii). The total land area of the project is 19.102 Acre (8.1 ha.). As per Khara Panchsala (2012-13) the land ownership is the name of Shri Puran Singh for which PP has executed lease deed dtd 09.05.15 for ten years.
- (iv). There is no National park / Sanctuaries (DFO letter dtd. 07.03.13) Eco-sensitive areas, critically polluted areas and inter-State boundaries within 10 km around the proposed site, hence the general conditions are not attracted.
- (v). Public Hearing was conducted in the Village Mantola, Tehsil; Kotma, District Annupur (M.P) on 21.08.2014 under Chairmanship of Add. Collector, Annupur District. some issues were raised in the Public Hearing regarding pollution of river Kewai, damage of NH road, air pollution, compensation for land losers etc. PP has earmarked adequate fund in the CSR budget (Rs. 30 lakh) to take care of these issues.
- (vi). The Kewai river flows about 0.8 km from project site and Kotma town is more than 10 km.
- (vii). The total water requirement is requirement is 96.5 m<sup>3</sup> /day ((Industrial 90 m<sup>3</sup> /day + Domestic 6.5 m<sup>3</sup> /day). The source of water for the project will be Ground water for which PP has obtained Permission from CGWA (dtd 27.11.2014) for 96 m<sup>3</sup> per day.
- (viii). The Waste water generation is 28 m<sup>3</sup> /day. The treated waste water is 23 m<sup>3</sup> /day and is proposed to be recycled 100%(flushing 3 m<sup>3</sup> /day +5 m<sup>3</sup> /day road & vehicle washing +15 m<sup>3</sup> /day green area). The washing cycle is a closed circuit having no discharge point. PP has also provided 500 KL capacity holding tank. PP has proposed to provide garland drain all along the periphery on the project along with sedimentation tank of 300 m<sup>3</sup> capacity.
- (ix). For air pollution control, PP has proposed to construct concrete roads, water sprinklers during coal unloading and stacking, closed conveyor belts, dry fog type dust suppression arrangements, enclosures/shirt boards in coal crushing and screening plants, Bag filters etc. Besides PP has proposed 15 m wide greenbelt for control of air pollutants & operating vehicles with PUC.
- (x). PP has proposed firefighting measure including medium velocity spray portable fire extinguishers, fire alarm system, fire detection, heat detection, and alarm system to detect fire/heat/smoke in the vulnerable areas of the plant. PP has included disaster management plan in the EIA.
- (xi). PP has submitted details of traffic movement plan and has proposed parking facilities for 100 dumpers within the premises. The rural approach road to high way is 500 m this road will be maintained by PP.
- (xii). The power requirement of the project 500 KVA from State Electricity Board and PP has also provided DG set 1x500 KVA to meet emergency requirement.

  
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Member Secretary

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- (xiii). PP has proposed to provide rooftop rainwater harvesting system as well as PP has proposed to adopt 3 village ponds of surrounding area for rain water harvesting.
- (xiv). Green area proposed by PP is about 2.67 ha which is approximately 33% of the total land area. A 15 m wide green belt will be developed all around the washery plant.

Based on the information submitted at Para i to xiii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 220<sup>th</sup> meeting held on 22.07.2015 and decided to accept the recommendations of 168<sup>th</sup> SEAC meeting held on dtd. dtd 11.01.2015.


Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 to the proposed Project "Bijuri Coal Beneficiation Lease Area – 19.102 Acre (8.1 ha.), Capacity – 0.9 MTPA Coal Washery at Khasra No. 82, 84, 85/1, 85/2, 104, 105/1, 105/2, 85/1 part of 105/1 part 79,93,99,92 Village – Mantola, Tehsil – Kotma, Distt. – Anuppur (M.P.) by M/s Sharda Maa Enterprises Pvt. Ltd., through Director Shri Vikesh Jain Kanchenjunga Building, UGF 1 & 2, 18 Barakhamba Road, New Delhi – 110001, 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 ensure 100% recycling and in no circumstance waste water should be discharged outside the premises.
2. PP should provide garland drain all along the periphery of the project area.
3. PP should ensure the traffic movement plan, parking facilities and road width as proposed.
4. PP should ensure rooftop rainwater harvesting system and adopt 3 village ponds of surrounding area for rain water harvesting.
5. PP should ensure that the onsite & offsite risk management plans are approved by the Competent Authority before commencing the operation of unit.
6. PP should ensure plantation in 2.67 ha (33%) of total area with a 15 m wide green belt all around the washery plant.

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

7. Hundred Percent waste water shall be re-cycled maintaining 'zero-discharge' as proposed.
8. Check-dams shall be constructed along with other activities at site on the appropriate locations so as to ensure that no water is discharged from the premises.

  
(Ajatshatru Shrivastava)  
Member Secretary

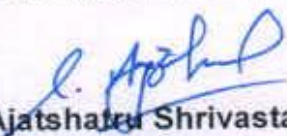
Case No. 1713/2013

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9. The particulate matter concentration shall be maintained below 50 mg/ Nm<sup>3</sup>.
10. Records for the coal rejects shall be meticulously maintained and such rejects shall be sold to the qualified thermal power plants only.
11. At least 15 meters wide lush green belt shall be developed all around the premises.
12. Native species of tree plants (three years old saplings) shall be used for afforestation.
13. The proposed plantation should be carried out along with the other activities and PP would maintain the plants including casualty replacement.
14. All roads in the premises should be concreted.
15. The village roads shall be maintained regularly by the PP.
16. Need based CSR activities shall be taken up in coordination with the Gram Panchayat.

**Standard Conditions - Encl: Annex-I**

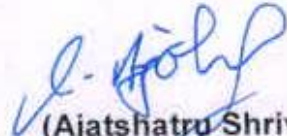
  
(Ajatshatru Shrivastava)  
Member Secretary

Endt No. 5430/SEIAA/ 15  
Copy to:-

Dated 7.9.15 o/c

- (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). Director, Central Ground Water Authority, Ministry of Water Resources, River Development and Ganga Rejuvenation, Gol, West Block -2, Wing -3, Ground Floor, R. K. Puram, Sector-1, New Delhi-110066
- (4). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (5). The Mining Officer, District Anuppur, MP.
- (6). The District Forest Officer, District Anuppur, MP.
- (7). The Collector, Distt- Anuppur - M.P.
- (8). The Commissioner, Municipal Corporation, Anuppur - M.P.
- (9). Gram Panchyat Mantola, Tehsil - Kotma, Distt- Anuppur - M.P.
- (10). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (11). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (12). Guard file.

**Standard Conditions - Encl: Annex-I**

  
(Ajatshatru Shrivastava)  
Member Secretary

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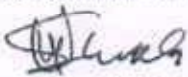
## State Environment Impact Assessment Authority, M.P.

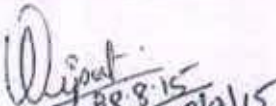
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

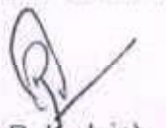
Annex-I

### Standard Conditions related to Activity 2 (a) - Coal washeries 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 (EIA) and recommended by SEAC shall be ensured.
3. All activities / mitigative measures proposed by PP in Environmental Management Plan (EMP) and recommended by SEAC shall be ensured.
4. All parameters listed in Environmental Monitoring Plan shall be monitored at the locations with the frequencies as recommended by SEAC.
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, Forest & Climate Change 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 be maintained. The monitoring data shall be submitted to the Regional office of the Ministry of Environment, Forest & Climate Change 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. Report be submitted to the Regional office of the Ministry of Environment, Forest & Climate Change at Bhopal, Central Pollution Control Board and the State Pollution Control Board.
10. Hoppers of the coal crushing unit and washery unit shall be fitted with high efficiency bag filters.
11. Mist spray water sprinkling system / fogging system, shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.
12. All approach roads shall be black topped /concreted. The roads shall be regularly cleaned and maintained.
13. Records of quantum and ash content of raw coal being washed, and clean coal and coal rejects produced from every batch of washing shall be maintained and details thereof uploaded on the company website.

  
(Dr U. M. Shukla)  
Officer-in-Charge

  
(Dr Vinita Vipat) 31/9/15  
Officer-in-Charge

  
(Dr R. K. Jain)  
Officer-in-Charge

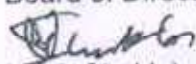
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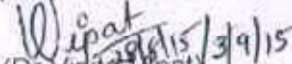
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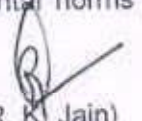
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Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

14. Heavy metal content in raw coal, and washed coal shall be analysed once in a year and records maintained thereof.
15. 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.
16. Project Proponent shall explore the possibility of using solar energy wherever possible.
17. The solid waste management has to be taken up as per the proposal submitted by PP.
18. All measures proposed for prevention of any discharge from the industry has to be implemented prior to the commencement of production.
19. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets. Frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitoring data shall be regularly uploaded on the company's website and displayed.
20. 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, Forest & Climate Change at Bhopal and the M.P. Pollution Control Board / Central Pollution Control Board once in six months.
21. Measures shall be adopted for control of noise levels below prescribed standards for industrial areas (75 dB(A) during day time and 70 dB (A) during night time) in the work environment. Workers shall be provided with ear plugs / muffs etc..
22. 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.
23. Socio-economic and welfare measures for the local communities for the adjoining villages shall be implemented under CSR activities. These villages shall be identified in consultation with the local authorities, the details of status of implementation of CSR and expenditure thereon which would be annually updated on the company website.
24. Corporate Environment Responsibility :-
  - (a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.
  - (b) The Environment Policy shall prescribe for standard operating process / procedure to bring into focus any infringements / deviation / violation of the environmental or forest norms/ conditions.
  - (c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
  - (d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliance / violations of environmental norms to the Board of Directors of the company and / or shareholders at large.

  
(Dr U. M. Shukla)  
Officer-in-Charge

  
(Dr Vinita Wipat)  
Officer-in-Charge

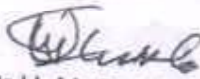
  
(Dr R. K. Jain)  
Officer-in-Charge

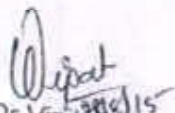
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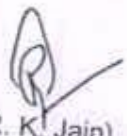
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(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

25. Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.
26. 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.
27. The project authorities shall inform to the Regional office of the Ministry of Environment, Forest & Climate Change at Bhopal and MPPCB final approval of the project by the concerned authorities and the date of start of land development work.
28. 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, Forest & Climate Change at Bhopal.
29. The compliance of the stipulated conditions shall be monitored by the Regional Office, MoEF, Gol, Bhopal. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other information should be given to Regional Office of the MoEF, Gol at Bhopal.
30. 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.
31. 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.
32. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
33. 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 environmental 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.
34. 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.

  
(Dr U. M. Shukla)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr R. K. Jain)  
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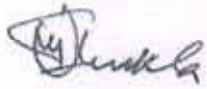
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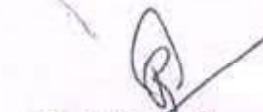
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Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

35. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
36. 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.
37. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
38. 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.
39. 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.
40. The environmental statement for each financial year ending on 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.
41. The Proponent is required to obtain all necessary clearance / approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.
42. 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.

  
(Dr U. M. Shukla)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
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(Dr R. K. Jain)  
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4 of 4

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Dated... 7.09.10