



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

Environmental Planning Coordination Organization (EPCO)  
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No: 4739 /SEIAA/2016  
Date: 13-12-16

To,  
Shri H.S. Bhatia, Director,  
M/s Agrawal Distilleries (P) Limited,  
104, Shikhar Residency, Opposite Hotel Fortune Land Mark,  
Vijay Nagar, Indore (M.P.)-452010

**Sub:- Case No. - 3059/2015:** Prior Environment Clearance for approval of proposed 40 KLPD Grain Based Distillery for production of RS/ENA & 1.5 MW Co-generation power plant at patwari halka no. - 43, Khasra No. - 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.) Total Project Area- 3.214 ha By Shri H.S. Bhatia, Director, M/s Agrawal Distilleries (P) Limited, 104, Shikhar Residency, Opposite Hotel Fortune Land Mark, Vijay Nagar, Indore (M.P.)-452010. Env. Consultant- Creative Enviro Services, Bhopal (M.P.)

**Ref:** Your application dtd. 22.05.15 received in SEIAA office on 25.05.2015

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), dtd. 14.09.06 & its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR & EIA Report and additional clarifications furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The proposed project is 40 KLD Grain base distillery along with 1.5 MW Power Plant in an area of 3.214 ha at Khasra No. - 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.).
- (ii) The project is covered under 5 (g) (ii) category B of the EIA Notification issued by the Ministry of Environment & Forest vide S.O.1533 (E), dated September 14, 2006 & its amendments.
- (iii) There is no National park / Sanctuaries, Eco-sensitive areas (Chief Wildlife Warden letter dtd 04.06.15), critically polluted areas and inter-State boundaries within 10 km of the proposed site, hence, general conditions are not attracted as per EIA Notification 2006.
- (iv) PP has submitted copy of diversion order and Khasra panchsala 2014-15 . As per the diversion order and Khasra panchsala the land is the name of M/s Agrawal Beverages and Textile Ltd.
- (v) The Public Hearing was held on 12.04.2016 at village Kadwalia District Khargone (M.P.) under the Chairmanship of Additional Collector, khargone. Some issues regarding, employment to local people and fear of pollution

Case No. 3059/2015

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

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

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emanating from the establishment of the industrial area were raised during the Public Hearing which were addressed by PP.

- (vi) The total water requirement is 1300 KLD out of which fresh water requirement is 452 KLD and recycled water 848 KLD. The source of fresh water is proposed to be met from ground water as per ground water recommendation (CGWA recommendation letter dtd. 09.09.16) for abstraction of ground water.
- (vii) There will be no generation of industrial effluent as zero discharge technology shall be adopted for treatment of effluent. Industrial effluent treatment is proposed to be through centrifuge decanter for separation of suspended solid followed by multi effective evaporator to maintain zero discharge.

The sources of water pollution may be envisaged as Cooling water blow down, Boiler blow down, Rinsing water from D.M. Plant & Spent wash from process which are proposed to be controlled by following measures:

- a. Spent wash of 40 m<sup>3</sup>/day will be sent to Liquefaction after heat recovery. Spent wash of 288 m<sup>3</sup>/day is sent to PRC (Pre Rectifier Column) & RC (Rectifier Column) of distillation after heat recovery. Process condensate of 250 m<sup>3</sup>/day is fed to CPU unit. The reject water from the RO plant will be 30 m<sup>3</sup> per day, which shall be mixed with thin slop for feeding to multiple effect evaporator for evaporation and concentration.
- b. Treated wastewater of 848 m<sup>3</sup>/day is returned back to process for utilization in liquefaction/fermentation/cooling tower and to gardening.
- c. Rainwater will be utilized to recharge the underground resource through scientifically designed rainwater harvesting system.
- d. 40 M<sup>3</sup>/day of boiler blow down will be sent to Cooling Tower with adequate treatment for make up.

(viii) For control of air pollution PP has proposed the following:

- a. Bag house shall be provided at stack of boiler to control the emission below 50 mg per cubic meter. Adequate stack height of 35 meter shall be provided.
- b. The fly ash from the common bunker will be conveyed to silo. The whole system is totally enclosed and no emission will be generated. The common bunker of fly ash will be provided with pulse jet bag house.
- c. Vehicles carrying raw materials would be covered by water proof sheets, dust suppression by water sprinkling on earthworks and transportation routes.
- d. Sufficient height of exhausts of DG set's for proper dispersal of exhaust emissions.
- e. Regular monitoring of air pollution and noise levels on site and nearby receptors to ensure compliance with CPCB prescribed standards during day and night time.
- f. Idle running of vehicles will be minimized during material loading / unloading operations.
- g. Storage area shall be clearly earmarked and enclosed and all transfer points shall be fully covered.



- (ix) The solid waste (biodegradable -DDGS (Distiller Dry spent grain) (36 Tonnes) is proposed to be sold off as cattle feed. The non-biodegradable waste like paper, plastic, glass etc. will be sold to authorized recyclers. Ash from boiler will be given to brick manufacturers. Sludge from CPU shall be dried and will be used as manure.
- (x) The hazardous waste like waste oil, ETP sludge/MEE residue, etc. will be collected and disposed off to the common hazardous waste disposal facility offsite as per Hazardous Waste (Management and Handling) Rules, 1989. Waste Resin from DM plant (100kg) and Waste activated Carbon (50kg) is proposed to be Store in MS Drums and shall be disposed off at TSDF Pithampur.
- (xi) The total power requirement is 1300 KW. The source of electricity is Madhya Pradesh Kshetra Vidyut Vitran Company Limited. PP has also provided power back up by 01 No. DG set capacity of 1X 500 KVA.
- (xii) PP has proposed Rainwater harvesting structures to collect and reuse the rain water for green area development and also proposed check dam on the stream nearby the proposed site so as to raise the ground water level.
- (xiii) PP has developed Green belt within the existing operational premises covering a area of about 10.5 acres with 8900 number of plants., which is adjacent to the proposed site. The new unit is proposed over 3.214 ha of area in which 1.10 ha of land out of 3.214 is proposed to develop green belt with 2200 number of trees. However in total 21 acres of area will be developed with 16500 numbers of plants.
- (xiv) PP has included disaster management plan, fire fighting provisions as part of EIA.
- (xv) Under CSR activities PP has proposed Skill Development Programmes for Youths as per the requirement of the Unit, Ensuring Safe drinking water and Healthy Sanitation Practices, Infrastructure facilities at schools of nearby villages, Agriculture improvement camps. Promotion of Drip Irrigation amongst Farmers etc.

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 386<sup>th</sup> meeting held on 17.11.2016 and decided to accept the recommendations of 283<sup>rd</sup> SEAC meeting held on dtd. 27.10.2016.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 & its amendments to the Proposed 40 KLPD Grain Based Distillery for production of RS/ENA & 1.5 MW Co-generation power plant at patwari halka no. - 43, Khasra No. - 15, Village-Sabalpura, Tehsil-Barwaha, District-Khargone (M.P.) Total Project Area- 3.214 ha By Shri H.S. Bhatia, Director, M/s Agrawal Distilleries (P) Limited, 104, Shikhar Residency, Opposite Hotel Fortune Land Mark, Vijay Nagar, Indore (M.P.)-452010, subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

**A. Specific Conditions as recommended by SEIAA**

1. PP should ensure to construct surface water body with size of 100x15x10 to meet the requirement of fresh water and to reduce the demand of ground water.
2. Fresh water demand shall not exceed 452 KL per day.



3. Existing lagoon situated adjacent to the project site should be properly dismantled under the supervision of MPPCB and filled with the excavated soil of surface water body. The top crust layer of the lagoon should be used in boiler and other soil should be used as manure.
4. **Waste Water Disposal:**
  - a. Industry shall install Multi Effective Evaporator (MEE) and adequate ETP for treatment and disposal of effluent. Zero discharge shall be maintained.
  - b. Spent wash generation from grain based distillery shall not exceed 6 KL per KL of rectified spirit. Spent wash shall be treated through decanter and concentrated in MEE to form DWGS (Distillery wet spent grain). DWGS will be sent to dryer to form DDGS (Distillery dry spent grain). The condense, spent wash and utilities effluent shall be treated in ETP comprising tertiary treatment. Treated effluent will be used for makeup water of cooling towers and water quality of treated effluent shall meet the norms prescribed by CPCB/MPPCB.
  - c. Spent wash should be stored in MS/SS tank. The storage of spent wash shall not exceed 5 days capacity.
  - d. Process effluent/any waste water should not be allowed to mix with storm water. Storm water drain should be passed through guard pond.
  - e. It is noted that Seasonal Udla nallah along the Northern & Eastern boundary of the site PP should ensure channelization of the Nalla and provide 15m wide buffer zone on side of the Nalla. PP should ensure zero discharge into the nallah.
  - f. Choral River is situated -2.80 km North - East direction of the proposed area PP should ensure zero liquid discharge from the industrial area during operational phase.
5. **Solid & hazardous waste :-**
  - a. PP should obtain authorization from MPPCB regarding hazardous waste disposal. PP should ensure disposal of hazardous waste/ products regularly through sale or in TSDF site and there should be no dumping of these materials in the premises/outside. PP should also ensure handling, disposal and management of hazardous waste as per the Hazardous waste (Management & Handling) Rules 2000.
  - b. Other solid waste generated from the process shall be used as cattle-feed. Industry shall explore the possibility to make it available to the local farmers.
6. **Air Pollution Control measures :**
  - a. PP should provide fogging system for dust suppression.
  - b. PP should ensure installation of DG sets with canopy and the stack height should be as per the MPPCB norms.
  - c. PP should install continuous air quality monitoring station in coordination with MPPCB.
  - d. Industry shall install bag-house in boiler to maintain the emission level of particulate matter as per MPPCB/CPCB prescribed norms.
  - e. Boiler ash shall be stored separately as per CPCB guidelines So that it shall not adversely affect the air quality, becoming air borne by wind



or water regime during rainy season by flowing along with storm water.

- f. Bagasse ash and coal ash should be stored separately and reuse/recycle properly.

**7. Noise & Odor Environment & Management**

- a. Walls and ceilings of the concerned buildings should be lined with sound absorbing materials.
- b. Noise attenuating devices like ear plugs and ear muffs should be provided to the workers exposed to high noise level.
- c. Vehicles should not be allowed to queue outside the plant on the highway. Vehicle and people flow during shift changes should be regulated by allowing exits in a phased manner.
- d. D.G. Set should be enclosed in a proper acoustic enclosure to reduce the noise emanating from it.
- e. Use of efficient biocides to control bacterial contamination.
- f. Control of temperature during fermentation to avoid in-activation / killing of yeast.
- g. Avoiding storage of spent wash.
- h. Regular use of bleaching powder in the drains to avoid growth of putrefying micro-organisms.
- i. Closed operation of the process to avoid odour nuisance.
- j. Only non-edible grains shall be used for fermentation.

**8. Energy Conservation:**

- a. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient plant machineries and equipments.
- b. The power generation is based on biomass and only 15% of coal is to be used. PP should ensure that the boiler should be designed to use biomass fuel and PP should use coal not more than 15%.

**9. Disaster management:**

- a. Prepare the onsite & offsite risk / disaster management plan, health and safety management plan and duly approved by the Competent Authority.
- b. Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from made to control fire from the alcohol storage tank. DMP shall be implemented.

**10. Green Area :-**

- a. PP should develop 15 m wide green belt with four rows of trees all along the periphery.
- b. The plant species selection should be as per CPCB guidelines for plantation in industrial area.
- c. Every effort should be made to conserve the existing trees in the project area.



- d. Dense plantation shall be taken up in at least 33% of total plot area.
11. **Under the CSR activities:-**
- a. Total sanitation in the villages within 5 km radius of the site.
  - b. PP should ensure strengthening of infrastructure in schools located in villages within 5 km radius as committed.
  - c. Regular health checkups / camps for the workers and villagers in the vicinity areas.
  - d. Vocational training for employment to the youths for skilled / semi-skilled jobs as proposed.
  - e. PP should ensure employment to the local village population for unskilled jobs.
12. Tanker will be not allowed to park on road area.
13. Increase the width of approach road (Katkot road) from the Badwah – Khandwa road junction upto the plant site, wherever it is less than 6.0m and the budget of road construction should be included in EMP plan.
14. The internal 3.0m road should be increased upto 4.5m to facilitate smooth traffic movement within the campus.
15. PP should make provision for MS tank for storage of finished product.
16. PP should ensure the traffic movement plan, parking facilities and road width.
17. PP should make a Environmental Management Cell under the guidance of MPPCB to maintain the environmental condition of the project.
18. District administration should constitute a Vigilance Committee comprising of local representatives and officials of Revenue, Excise, Industry and MPPCB to redress the administrative/other issues as committed by PP in the public hearing.
19. All the commitments made during the public hearing should be implemented and adequate budget provision should be made accordingly.
20. The EC shall be valid for production of course from grain only. Molasses based distillation shall not be allowed under any circumstances.
21. Dedicated parking facility for loading and unloading of materials shall be provided in the factory premises. Unit shall develop the implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.

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

22. The EC shall be valid for production of 40 KLPD RS/ENA grain based and 1.5 MW co-generation power plants.
23. Bag Filter along with stack of adequate height (minimum 35 meters) shall be provided in the boiler to control particulate emission within 150mg/Nm<sup>3</sup>. Continuous Online Stack Monitoring System should be installed and data connectivity must be provided to the MPPCB's server.

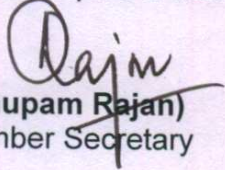


24. Masking agents should be used for odour control. PP should take all necessary precautions to avoid odour nuisance to nearby area and villages.
25. Spent wash generation from grain based distillery shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form DWGS. DWGS will be sent to dryer to form DDGS. The water quality of treated effluent shall meet the norms prescribed by MPPCB.
26. As proposed, no effluent from distillery 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.
27. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
28. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. The ground water quality monitoring shall be monitored as per the MPPCB norms. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPPCB.
29. Boiler ash shall be stored separately as per MPPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
30. Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank. Disaster Management Plan shall be implemented.
31. As proposed, green belt over 10700 sq. meter of the project area shall be developed within plant premises with at least 5 meter wide green belt on all sides along the periphery of the project area in downward direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
32. All the commitments made in the Public Hearing shall be implemented by PP and adequate budget provision shall be made accordingly.
33. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
34. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
35. All recommendations mentioned in the EMP shall be binding for the project authorities.
36. Ultrasonic/Magnetic flow/Digital meters shall be provided at the inlet and outlet of the proposed ETP & all water abstraction points and records for the same shall be maintained regularly.
37. In case of power failure, stand by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the ETP shall be



installed, so that the ETP shall always be operated round the clock even in case of power failure.

38. Regular emission and effluent quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the MPPCB.
39. All internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
40. Storm water shall not be mixed with the effluent. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
41. PP should take adequate precautions for the protection of nearby nallah as per the submitted proposal.
42. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

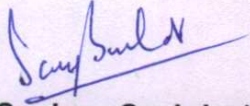
  
(Anupam Rajan)  
Member Secretary

Endt No. 4740 SEIAA/ 2016  
Copy to:-

Dated 13-12-16

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

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

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge



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

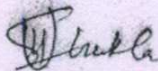
(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16


Annex-I

**Standard Conditions related to item 5 (g) (ii) of the schedule of EIA  
notification, 2006 (Distilleries)**

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 Management Plan and approved by SEAC must be ensured.
3. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
4. All the commitment made regarding issues raised during the public hearing / consultation meeting shall be satisfactorily implemented. Item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program shall be ensured as office Memorandum dated 18.05.12 of MoEF, Gol and its amendments.
5. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of raw material and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments.
6. Closed Cycle Cooling system with cooling towers, dust suppression system including water sprinkling system shall be provided at fugitive emission areas to control dust emission. The industry has to keep strict vigilance on the Fugitive emission and shall ensure that the ambient air quality is well within the prescribed norms by MoEF/ CPCB.
7. Appropriate number of ambient air quality-monitoring stations shall be established for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>, CO & HC 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 State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded and displayed on the company's website. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Regional office, MoEF, Gol, Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the plant premises shall confirm to the norms prescribed in MoEF notification no. GSR/826(E) dtd. 16.11.09.
9. As proposed, bag filter along with stack of adequate height shall be provided to coal/rice husk fired boiler to control particulate emission within 50 mg/NM<sup>3</sup>. At no

  
(Dr. Vinita Vipat)  
Officer-in-Charge

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

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

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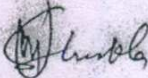
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time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.

10. For total fresh water requirement of the distillery unit, prior permission shall be obtained from concerned competent authority.
11. The industrial waste water should be properly collected and treated through decanter and concentrated in multi-effect evaporator (MEE) to form DWGS. DWGS will be sent to dryer to form DDGS. Spent lees after heat recovery shall be used for liquefaction and distillation. The wastewater from various streams after treatment shall be recycled in the process, fermentation, cooling tower, plantation etc. so as to maintain zero discharge.
12. The treated waste water (if any) should conform to the standards prescribed by MoEF & CPCB under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap shall be installed. In no circumstance treated waste water should be discharged outside the premises.
13. Regular monitoring (pre & post monsoon) of ground water quality including heavy metals shall be undertaken in the project site and surrounding area to ascertain the change, if any, in the ground water quality due to leaching of contaminants and report shall be submitted to the MoEF, GoI Regional Office at Bhopal and MPPCB.
14. No storage of wet cake should be done at site. If necessary then an additional dryer should be installed to convert wet cake into dry cake.
15. Rice husk / Coal storage should be done in such a way that it does not get air borne or fly around due to wind.
16. Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust shall be avoided. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 as amendment in 2009.
17. Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional office at Bhopal within six months. Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.

  
28/9/13  
(Dr. Vinita Vipat)  
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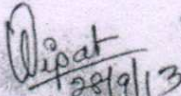
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## State Environment Impact Assessment Authority, M.P.

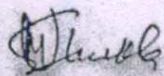
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parishad, E-5, Arera Colony, Bhopal-4620 16


18. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). Workers shall be provided with ear plugs / muffs.
19. Green belt shall be developed and plantation shall be done as per the CPCB guidelines. Thick green belt with suitable plant species shall be developed around the proposed distillery to mitigate the odour problem.
20. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
21. 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.
22. Commitment towards CSR have to be followed strictly.
23. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
24. The Project Proponent shall provide proper arrangement for the disposal of hazardous waste (if any) and obtain authorization under Hazardous Waste (Management Handling & Transboundary Movement) Rules 2008 from MPPCB.
25. Concrete measures shall be taken for prevention of disposal of solid waste from the premises into nearby land.
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. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. Agencies from time to time.
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 MoEF, GoI, and its Regional Office, Bhopal.
29. The Regional Office, MoEF, GoI, Bhopal & MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, and Environmental Monitoring Plan

  
28/9/13  
(Dr. Vinita Vipat)  
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5 (g) (ii) Distilleries



  
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Officer-in-Charge

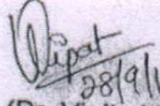


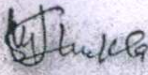
**State Environment Impact Assessment Authority, M.P.**


(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

as approved by SEAC should be submitted to Regional Office, MoEF, Gol, Bhopal & MPPCB within six months.

30. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, Gol, Bhopal, MP PCB within six months.
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), District Collector and DFO as applicable and responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
32. 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.
33. 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, viz. CPCB, MPCB and Regional office of MoEF, Gol at Bhopal on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
34. Full Cooperation should be extended to the Officers and staff from the Ministry and its Regional Office at Bhopal / the CPCB / the SPCB during monitoring of the project.
35. 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.
36. 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.
37. 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.

  
28/9/13  
(Dr. Vinita Vipat)  
Officer-in-Charge

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

  
4 of 5  
(Dr. R. K. Jain)  
Officer-in-Charge

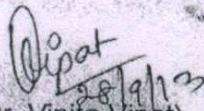
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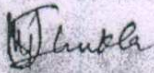



## State Environment Impact Assessment Authority, M.P.

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38. The Environmental Clearance shall be valid for a period of five years from the date of issue of EC as per EIA Notification, 2006 Para 9.
39. 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.
40. 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 amendments and rules.
41. 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.
42. 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.
43. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction waste shall be managed so that there is no impact on the surrounding environment.
44. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

  
(Dr. Vinifa Vipat)  
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