

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

Environmental Planning Coordination Organization (EPCO)
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No: 89 /SEIAA/2019 Date: 2.4.19

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To, General Manegar & Plant Head M/s Sun Pharmaceutical Industries Ltd, Plot no. K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind (MP)- 477117

Sub:- Case No.5570/2017: Prior Environmental Clearance for Expansion of API (Penems) & Intermediate Manufacturing facility at K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind, MP. Land area – 10.928 Acres. Production Capcity- Existing: 71.4 TPA Proposed: 110 TPA by M/s Sun Pharmaceutical Industries Ltd, through General Manegar & Plant Head K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind (MP)- 477117 Email: pmbphosphate @ yahoo.com Telephone No. 07539- 406600 Mob: 888173173

Ref: Your application dtd. 24.05.2017 received in SEIAA office on 30.05.2017

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, 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 plant had started its operations since 1995 with name M/s Cardinal Drugs Ltd. for production of bulk drugs with valid EC with the production capacity approval of 71.4 TPA, as the company took over by M/s Ranbaxy limited in year 2006 & later at 2015 M/s Ranbaxy limited amalgamated with M/s Sun Pharmaceuticals Industries Limited.
- (ii) Earlier prior Environmental Clearance was granted by MoEF & CC (F.No.J-11012/53/95-IA.II(I)),dated 09.11.95 to M/s Cardinal Drugs Ltd. for which PP has obtained the compliance of earlier EC conditions from the MoEF&CC vide letter dated 13/08/2018. As per compliance report the implementation of environmental safeguards are found satisfactory and some compliance needs improvements which are in progress.
- (iii) M/s Sun Pharmaceuticals Industries Limited has taken the 'Consent to Operate' for Air and Water from Madhya Pradesh Pollution Control Board with consent no. AW-45775, with validity up to 31/08/2017 along with the consent for the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008, with consent no. H-45451, Valid till 30/06/2021.

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(iv) The project is proposed for manufacturing of Intermediate & APIs-Penems, having a capacity of manufacturing of 110 TPA after proposed expansion of APIs (Penems). The existing & proposed products are as follows:

| Product Name | | Existing Capacity in TPA | Capacity after proposed expansion in TPA | |
|--------------|--|--------------------------|--|--|
| INT | ERMEDIATES | | | |
| A. | Alpha Keto Easter | 5 | 5 | |
| B. | Bi-Cyclo Ketone | 31.4 | 40 | |
| C. | Enol Phosphate | 20 | 20 | |
| Sub Total | | 56.4 | 65 | |
| AP | (PENEMS) | | | |
| D. | Imipenem | 5 | 5 | |
| E. | Doripenem | 2 | 5 | |
| F. | Ertapenem | 6 | 15 | |
| G. | Faropenem/Maropenem and other carbapen | 2 | 20 | |
| Sub Total | | 15 | 45 | |
| Total | | 71.4 | 110 | |

- (v) The major facilities involved area Boiler, MEE, ATFD, Solvent recovery Plant, Solvent storage area, reactors, Cooling towers, Effluent treatment plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- (vi) The project is production of bulk drugs and Intermediates hence covered under 5 (f) Category-B of the Schedule of EIA Notification issued by the Ministry of Environment & Forests vice S.O.1533 (E) dtd.14.09.06 & its amendments.
- (vii) There is no interstate boundary (PWD letter dtd. 09.10.13) within 05 km and no National Park / Sanctuary (DFO letter dtd. 13.11.13) within the 5 km of the project area hence the general conditions are not attracted.
- (viii) The project is located in notified Industrial area Ghirongi Industrial Area Malanpur Distt Bhind, hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (ix) The project occupies total plot area of 4.4225 ha (44225 sq.m.). The land for the proposed development is already under possession of Sun Pharmaceutical Industries Limited and is allotted by IIDC (Industrial Infrastructure Development Corporation), Gwalior. No additional land will be required for the purpose of expansion. Regarding land PP has submitted certified copy of the formal order dtd. 09.03.15 of the Hon'ble High Court of Punjab & Haryana along with approved scheme of arrangement between Ranbaxy Laboratories Ltd., Transferor company and Sun Pharmaceutical Industries Limited Transferee company and the schedule of assets of Ranbaxy to be transferred to Sun Pharma.
- (x) Total existing water requirement of the project is 119 KLD. After the proposed expansion, the total water requirement will be 160 KLD which will be met by IIDC (Industrial Infrastructure Development Corporation). For emergency purpose, 19 KLD of water shall be required which will be met from bore well. The company is authorized to use 100 KLD of surface water supplied by IIDC and 20 KLD from bore well thus the company is authorized to use 120 KLD water. PP has already applied to IIDC for the grant of extra 33% of water and for groundwater extraction has been applied to CGWB for their approval.
- (xi) The existing wastewater generation from the project is 42.5 KLD. After proposed expansion, the total wastewater generation will be 78 KLD. The entire wastewater shall be treated in the 100 KLD capacities ETP and the treated water will be used

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- for cooling towers, floor washing and gardening/green belt. The effluent management system is developed to ensure `Zero Liquid Discharge'.
- (xii) The raw materials will be procured from domestic sources as well as they will be imported. The transportation of raw materials will be carried out through trucks
- (xiii) The project site has 2 DG Sets-one of 1250 kVA and one of 500kVA capacity and a Boiler of 2.5 TPH capacity. An additional boiler of 4 TPH will be installed under proposed expansion. The emission details are given below in Table;

| Number of stacks | 1 | 2 | 3 | 4 | |
|---|-------|-------------------|----------------|-----------------|--|
| Stack attached 1250 KVA DG to set | | 500 kVA DG set | 2.5 TPH boiler | 4 TPH Boiler | |
| Fuel type | HSD | HSD | Furnace Oil | Furnace Oil | |
| Emission rate in g/s (from each source) | | | | | |
| SO ₂ | 0.34 | 0.13 | 2.66 | 4.2 | |
| NO ₂ | 2.22 | 1.02 | 0.47 | 0.75 | |
| CO | 0.525 | 0.39 | 0.01 | 0.01 | |

- (xiv) For control of fugitive emission PP has proposed as follows:
 - The project site have already installed adequate and efficient exhaust ventilation systems to remove fumes and dust concentration from work zone areas and plenum ventilation system to supply fresh air through High Efficiency Particulate Air (HEPA) filter to collect dust concentration inside work zone areas and high efficiency scrubbing system for neutralization of fumes inside the work zone areas.
 - Closed unloading, conveying and packing system are provided to prevent wind born dust.
 - Proper control of the operating parameters, mainly temperature, vacuums, cooling media circulation, during plant operation and solvent recovery.
 - Regular monitoring of VOC concentration in work zone
 - Additional greenbelt will be developed around the plant to arrest the fugitive emission.
- (xv) The total solid waste generation will be 57 kg per day, out of which, Domestic waste of 50 kg/day, horticulture waste of 0.64kg/day & street sweeping waste of 6.33kg/day will be generated at project site.
- (xvi) Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). M/s SUN Pharmaceutical Industries Ltd has taken the authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules, 2008 from MP PCB (valid till 30/06/2021). Company is also having the membership of authorized TSDF facility for the disposal of hazardous waste (valid till 31/03/18)
- (xvii) Power requirement will be sourced from existing line of "Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company". The company is already authorized to use power load of 900KVA on 33KV line & no additional power load will be required for proposed expansion as the company is running under load. In case of power failure, DG Sets of 1250 kVA and 500kVA shall be used as backup at the time of power failure.
- (xviii)Roof top area for rainwater harvesting has been considered for administrative building only as the project involve manufacturing of various hazardous and non-



- hazardous chemicals. A total of 5 rainwater harvesting pits having diameter 2m and depth 4m has been proposed for the project.
- (xix) PP has included disaster management plan, fire fighting plan on-site, off-site emergency plan in the EIA report.
- (xx) The total area of the project is 4.4225 ha. An area of 1.5478 ha i.e. 35 % is developed as green area. Total 1253 tree species are planted within and around the project site. Approximately 100 additional trees will be planted in an area of 500 sq m as part of greenbelt development.
- (xxi) The CSR Budget for the project is Rs. 34.13 Lakhs.
- (xxii) The total cost of the project is Rs.112.4 Lakhs.

Based on the information submitted at Para i to xxiii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 518th meeting held on 05.01.2019 and decided to accept the recommendations of 335th SEAC meeting held on dtd 01.12.2018

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the proposed Expansion of API (Penems) & Intermediate Manufacturing facility at K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind, MP. Land area – 10.928 Acres. Production Capcity- Existing: 71.4 TPA Proposed: 110 TPA by M/s Sun Pharmaceutical Industries Ltd, through General Manegar & Plant Head K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind (MP)- 477117 subject to the compliance of the Standard Conditions and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. Specific Conditions as recommended by SEIAA

- PP should ensure the implementation of the observations of MOEF & CC RO, Bhopal report dtd 13.08.2018.
- The entire demand of fresh water should be met through IIDC water supply, if necessary withdrawl of ground water PP should obtain NOC from CGWA for withdrawl of ground water.

3. Waste water Management:

- (a) PP should maintain zero discharge from the Industry as proposed.
- (b) Separation of High & Low COD values effluent for better management of process effluent.
- (c) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.
- (d) There shall be no industrial effluent discharge from the unit.

4. For Air Pollution:

- (a) PP should ensure air pollution control measures and stack height as proposed in the EIA/ EMP.
- (b) The performance of air pollution control system should be regularly monitored and maintained.
- (c) PP should ensure regular stack monitoring & ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (d) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.

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- (e) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.
- (f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
- (g) High efficient four stage acid/alkali scrubber should be provided.
- (h) Transportation of raw material and finished goods should be carried out in covered trucks.
- (i) For control of fugitive emission and VOCs following steps should be followed:-
 - Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency will not be less than 98%.
 - Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
 - Closed handling system should be provided for chemicals.
 - System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
 - Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

5. Hazardous Waste:

- (a) PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
- (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- (c) PP should obtain renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Trans Boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtained for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.
- (e) PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
- (f) PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
- 6. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.

7. Green Belt:

- (a) PP should ensure plantation as proposed in 35% of the total plot area and Approximately 100 additional trees as proposed should be planted in an area of 500 sq.m. Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc.
- (b) Every effort should be made to protect the existing trees on the plot.
- (c) Green area including thick green-belt shall be developed in the plot area to mitigate the effect of fugitive emissions all around the project area in consultation with the forest department as per the guidelines of CPCB.

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- 8. PP should ensure the implementation of CSR activities to the extent of Rs. 34.13 Lakhs on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for skill development.
- 9. All other conditions as laid in the earlier EC and the consents of MPPCB shall be applicable.

B. Specific Conditions as recommended by SEAC

(A) Statutory compliance:

- 10. 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 Madhya Pradesh Pollution Control Board (MPPCB).
- 11. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- 12. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

- 13. 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 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.
- 14. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- 15. The project proponent shall install system to carryout Continuous 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 S02 and NOx in reference to S02 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.
- 16. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- 17. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- 18. The DG sets (1 x 1250 kVA and 1x 500 kVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- 20. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 161h November, 2009 shall be complied with.

| 1 | C) | Water o | uality | monitoring | and | preservation |
|---|----|---------|--------|------------|-----|--------------|
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- 21. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- 22. As already committed by the project proponent "Zero Liquid Discharge" shall be ensured and no waste/treated water shall be discharged outside the premises.
- 23. The effluent shall (100 KLD) be segregated as high COD/High TDS and Low COD/Low TDS effluents. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
- 24. 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.
- 25. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- 26. Total fresh water requirement shall not exceed 119 KLD and as proposed from IIDC, bore well and rrain water harvesting has been proposed from the building roof top shall provide the fresh water.
- 27. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- 28. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- 29. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

- 30. Acoustic enclosure shall be provided to DG sets (1 x 1250 kVA and 1x 500 kVA) for controlling the noise pollution.
- 31. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- 32. 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.

(E) Energy Conservation measures

- 33. The energy sources for lighting purposes shall preferably be LED based.
- 34. The total power requirements for project will be 900 kVA.
- 35. The power will be supplied by Madhya Pradesh Electricity Board.

(F) Waste management

- 36. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- 37. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDF, Dhar.
- 38. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.

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- 39. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- 40. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
- 41. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
- 42. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
- 43. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
- 44. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
- 45. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
- 46. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
- 47. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
- 48. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- 49. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- 50. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

- 51. Approximately 100 additional trees will be planted in an area of 500 m², The green belt of 5-10 m width shall be developed near the total project area, mainly along the plant periphery, in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
- 52. 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 EIA 1316 no's trees in four years shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- (H) Safety, Public hearing and Human health issues

- 53. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 54. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- 55. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- 56. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- 57. 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.
- 58. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- 59. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) Corporate Environment Responsibility

- 60. 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.
- 61. The company shall have a well laid down environmental policy duly approve 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.
- 62. 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 to the head of the organization.
- 63. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- 64. The proposed EMP cost is Rs. 522.520 lakhs and 53.14 lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 7.0 lakhs and Rs. 3.0 lakhs is proposed for green belt development.
- 65. Under CER activity, capital cost is Rs. 12.0 lakhs and 22.13 lakhs/year as recurring cost and are proposed for different activities.
- 66. 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.
- 67. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

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- 8. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 9. 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.
- 10. 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.
- 11. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
- 12. 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, NOx (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.
- 13. 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.

Dated 2.4.19 OL Member Secretary

Endt No. Copy to:-

> Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya (1). Vallabh Bhawan, Bhopal.

- Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control (2). Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- Member Secretary, MPPCB, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016. (3).
- The Collector, Distt-Bhind M.P. (2).
- M.D. M P Audyogik Kendra Vikas Nigam (Gwalior) Ltd 52, Ravi Nagar Gwalior 474002 (4).
- Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest (5). Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- 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

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