



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

Environmental Planning & Coordination Organization

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To,
Managing Director,
M/s Medilux Laboratories Pvt. Ltd,
Plot No. 98 - 99, Sector - 1,
Industrial Area, Pithampur,
Dist. Dhar, MP - 454775

No.: 1154 /SEIAA/ dc

Date: 19.6.2019

Sub:-Case No. 6394/2019 : Prior Environmental Clearance for Capacity Expansion from 400 TPA to 1000 TPA in Bulk Drugs, Fine Chemicals, API & its Intermediates Production facility at Plot No. 98-99, Pithampur Industrial Area, Sector-1, Pithampur, Dist. Dhar, MP Land area – 17000 sq. m. Existing capacity: 400 TPA Propsed Capacity: 1000 TPA by M/s Medilux Laboratoires Pvt. Ltd, Plot No. 98 - 99, Sector - 1, Industrial Area, Pithampur, Dist. Dhar, MP - 454775, Email - it@medilux.co.in, info@medilux.co.in, Telephone - 07292- 409991, 92, 93 Env't. Consultant: Creative Enviro Services, Bhopal

Ref: Your application dtd. 06.06.19 received in SEIAA office on 01.07.2019

With reference to the above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR, EIA Report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) Medilux Laboratories Pvt. Ltd. Bulk Drugs, Fine Chemicals API, & its Intermediates manufacturing company. It is an operational unit and producing bulk drug and intermediates in the tune of 400 TPA. Considering the market scenario, Medilux is proposing expansion in production from 400 TPA to 1000 TPA at plot no. 98-99, Sector-1, Industrial area Pithampur dist. Dhār (M.P.)
- (ii) Medilux Laboratories Pvt. Ltd. received Environment Clearance for Expansion of Bulk Drugs Vide letter no. J-11011/1141/2007-IA dated 09/04/2008 in the name of Medilux Life Sciences (A unit of Medilux Laboratories Pvt. Ltd.) for manufacturing of Bulk drugs and Intermediates for 400 TPA.
- (iii) The unit is having Plant-I and Plant-II and it is proposed to utilize certain equipment of Plant and new plant will be established over plot no 98 to achieve the proposed increase of 600 TPA whereas plant –II will be remained with capacity of 400 TPA. The major facilities involved are Boiler, MEE, Reactors, Cooling Towers, Effluent Treatment

Case No. 6394/2019

Issued vide letter no. dated

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

Plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation will also be developed as per plan/requirement.

- (iv) For existing product PP has obtained AIR and water consent order from MPPCB which is valid up to 30.09.2023.
- (v) The proposed project is covered under 5 (f) category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 and its amendments, hence is required to obtain prior EC. In the context of pandemic COVID -19, Govt's MoEF&CC issued a OM vide dated 13.04.2020, for considering the API & Bulk drug Projects as B-2 category.
- (vi) There is no interstate boundary within 05 km and no National park, Sanctuary and Eco-sensitive areas within 05 km of the project area hence General condition are not attracted.
- (vii) The total land area of the project is 17000 sq. m., PP has submitted lease deed dtd 01.09.2003 executed between managing Director, MPAKVN, Indore & Medilux Laboratories Pvt. Ltd through Director Shri Deepak Kewalramani for lease period 30 years.

Existing And Proposed Land Use Breakup			
	Existing SQM	Proposed SQM	Total SQM
Production Block	3152.00	1440	4592
Administration Block	351.00	0	351
Solvent Area	983.00	0	983
Boiler	191.00	0	191
Ware House	2421.00	0	2421
tility	1016.20	360	1376.2
R &D Lab	360.00	0	360
ETP	778.00	0	778
Road	1886.00	0	1886
Parking Area	134.00	0	134
Total Built Up Area	11272.20	1800.0	13072.2
Green Belt / lawn Area	1606.00	4100	
Future Expansion Area	6766.00		
Total Plot Area	17000	0.00	17000

- (viii) The industrial water requirement for the existing project is 151 KL per day which will be increased to 355 KLD and sourced from AKVN supply. Total cumulative waste water generation from existing and proposed unit will be 104.5 to 229 KLD.
- (ix) The existing capacity of ETP, RO and MEE is 100 KLD, 150 KLD, 12 KLD, respectively and after capacity expansion the capacity will be 150 KLD, 200 KLD, 50 KLD respectively.
- (x) Presently 51 KLD water is being recycled and therefore net fresh water requirement is observed as 116 KLD whereas after capacity expansion 119 KLD water will be

recycled and net fresh water requirement will be 236 KLD. The rejected water will be reused for floor washing and gardening/green belt.

- (xi) 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 MLPL will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules.
- (xii) The sources of air emission expected from the plant are gaseous emissions from Boilers, DG set and process. For control of air pollution PP has proposed as follows:-
- Stack emission from boilers will be regularly monitored by installation of on line monitoring system to ensure that given limits.
 - Regular monitoring of the emission from proposed scrubber shall be carried out.
 - Bag filter will be provided at boiler to control the emission below 50 mg per cubic meter.
 - Alkaline Scrubber will be attached to the reactor to control process SO₂ emission.
 - The work zone and surrounding areas shall be monitored for VOC also. Possibility shall be explored for on line VOC monitoring system.
 - In order to control the fugitive dust emissions due to transportation activity, all the roads within the plant area shall be as phalted. All the unpaved roads as well as paved roads shall be sprinkled with water.

For Controlling of Fugitive Emission:

- Installation of appropriate, adequate and efficient exhaust ventilation systems to remove and plenum ventilation system through High Efficiency Particulate Air (HEPA) filter to dilute fumes and dust concentration inside work zone area
 - Closed unloading, conveying and packing system shall be provided
 - Safety devices shall be provided to workers
 - Proper control of the operating parameters, mainly temperature, vacuums, cooling media circulation, during plant operation and solvent recovery.
 - Regular monitoring of VOC, dioxin and furan concentration in work zone
- (xiii) Power requirement is/will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The company is already authorized to use power load of 2000 KVA. In case of power failure, D.G. set (Existing 320 KVA x 2 and proposed 500- KVA) will be used as a backup power source.
- (xiv) PP has proposed the rain water from the building roof will be directed through the drainage to the covered storm water drainage line. All drainage system will be concreted lined and located along the roads up to rain water harvesting pit. Roof top rain water will be collected in tanks and reused after filtration as per requirements.
- (xv) The total area of the plot is 17000 sq meter. The plantation and green belt is developed in (1606 + 4100) = 5706 sq. m area by planting 1430 nos. of plants Peripheral boundary, other location in plant, road side plantation and, common open area etc. At present green belt is developed around the plant site with suitable plant species.
- (xvi) PP has included Disaster Management plan in the EIA Report. For firefighting measure PP has provided Fire extinguishers and Fire Hydrants at project site.

- (xvii) The total fixed cost of the project is estimated as INR 66 Crore for existing and 27 Crores for proposed project. Rs. 1390 Lacs (capital cost) is allocated for environmental management systems and the annual re-occurring cost for the same is Rs 39.10 Lacs/annum, as well as Rs. 27.4 Lacs is allocated for Corporate Environment Responsibility (CER) Activities.
- (xviii) As part of CER activity PP has proposed to provide Skill Development Programmes for youths as per the requirement of the Unit; Infrastructure development at School in nearby villagers with budgetary provision of **Rs.38.31 lacs**.

Need Identified For CER Plan	Activities	TOTAL
Skill Development Programmes for youths as per the requirement of the Unit	Facilitating self-employment skill generation vocational training programmes for creating better self-employment ventures through inducing skill among the youths as per the requirements of the unit. A Apprentice type training in association with ITI, Indore/Pithampur or other location.	38.31 Lakhs
Infrastructure development at School	Infrastructure facilities at schools of nearby villages in terms of provision of computers, teachers, facility of safe drinking water, separate toilets for girls and boys, provision of furniture, additional rooms etc. Pithampur, Mandioud, Methwada, Khera, Sagor, Khandwa, Betma, Silotiya, Bagoda, Tigriya Chhota	

Based on the information submitted at Para i to xviii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 618nd meeting held on 11.06.2020 and decided to accept the recommendations of 433rd SEAC meeting held on dtd. 19.05.20

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the Proposed Capacity Expansion from 400 TPA to 1000 TPA in Bulk Drugs, Fine Chemicals, API & its Intermediates Production facility at Plot No. 98-99, Pithampur Industrial Area, Sector-1, Pithampur, Dist. Dhar, MP Land area – 17000 sq. m. Existing capacity: 400 TPA Propsed Capacity: 1000 TPA by M/s Medilux Laboratoires Pvt. Ltd, Plot No. 98 - 99, Sector - 1, Industrial Area, Pithampur, Dist. Dhar, MP - 454775, 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

1. The entire demand of fresh water should be met through MPAKVN as proposed.
2. Fresh water should not be used for Irrigation and gardening purpose.
3. PP should submit certified copy of compliance report of the earlier EC issued by MoEF & CCdtd. 09.04.08 in SEIAA.
4. **Waste water:**
 - (a) PP should ensure "Zero effluent discharge" from the unit by 100% recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used / recycled in the process and unused waste water evaporates in MEE.

- (b) RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.

4. For Air Pollution:

- (a) PP should ensure install Bag house in stack for control of air pollution 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.
- (e) Dust suppression system including water sprinkler system/ fogging 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 ventury scrubber should be provided.
- (h) Transportation of raw material and finished goods should be carried out in covered trucks.
- (i) Company shall carry out the HAZOP study and report shall be submitted to ministry MoEF & CC Regional Office, Bhopal.
- (j) 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 is not be less than 95%.
 - 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 Management:

- (a) As proposed above, 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 & transboundary 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) Ensure the transportation of raw / finished material only by covered vehicles.
- (f) Ensure the storage and handling of all the chemicals in a proper and safe manner to avoid any spillages and also to prevent runoff contamination in monsoon.
- (g) Ensure collection & treatment of spillages, if any.
- (h) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.

6. Green Belt Development:

- (a) PP should ensure plantation as proposed $(1606 + 4100) = 5706$ sq.m. of area with 1430 number of trees. Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
 - (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 at least 33% of the plot area to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.
7. 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.
 8. PP should obtain fire NOC from the competent authority before commencing the operation of the unit.
 9. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
 10. PP should ensure the implementation of CER activities to the extent of Rs. 38.31lakh as committed during presentation to the extent on regular basis in consultation with the Gram Panchayat of the receptive village.
 11. 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.
 12. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
 13. Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.
 14. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, GoI, Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

B. Specific Conditions as recommended by SEAC

	List & Capacity of Products (Existing)	Capacity (Existing) MTPA		List & capacity of Products (Proposed)	Capacity (Proposed) MTPA	Grand Total
Sr. No.	Bulk drugs , Drug intermediate & fine chemicals		Sr. No.	Bulk drugs ,Drug intermediate & fine chemicals		(MTPA)
A	Products (Existing) with intermediates		A	Products (Proposed) With Intermediates		
1	Baclofen	400	1	Defrasirox	600	Existing 400 MT Proposed 600 MT
2	Trazadone Hydrochloride		2	Hydroquinone		
3	Torsemide		3	Raloxifene Hydrochloride		
4	Xipamide (Product To be deleted)		4	Timolol maleate		
			5	Inosine pranobex		
			6	Bisoprolol Fumarate		
			7	Tofisopam		
			8	Penfluridol		
			9	Dapsone		
			10	Glimepiride		
			11	Azosemide		
			12	Anagliptin		
			13	Rivastigmine tatrte		
			14	Ipronazide phosphate		
			15	Buspirone hydrochloride		
			16	Mirtazapine		
			17	Pentetate calcium trisodium		
			Products Under Development			
			18	Iguratimod		
			19	Garenoxacin		
			20	Denatonium Benzoate		
			21	Potassium Iodide		
			22	Metacresol		
			23	Maropitant		
			24	Iversol		
			25	Clozapine		
Total (MTPA)		400			600	1000
Grand Total 1000 TPA						

(A) Statutory compliance

- 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).
- The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.

- iii. 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

- i. 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.
- ii. 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.
- iii. 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 / / Bio Briquette for use in coal// Bio Briquette 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.
- iv. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- v. The DG sets (340 KVAX2 (Existing) and 500 KVA-Proposed) 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.
- vi. Additional proposed boiler of 3 TPH shall be provided with bag filter to control the emission limit as prescribed by MPPCB.
- vii. 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.
- viii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

- i. 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.
- ii. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- iii. The net fresh water requirement shall be 236 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- iv. The waste water generation shall be (229 KLD) be segregated as high COD/high TDS, Low COD, Low TDS and domestic 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.

- v. The industrial water requirement for the existing and proposed project is 236 KL per day sourced from surface water supply. Total cumulative waste water generation from existing and proposed unit will be 229 KLD and treated in ETP of 150 KLD, RO of 200 KLD and MEE of 50 KL/day respectively.
- vi. 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.
- vii. 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.
- viii. Total fresh water requirement shall not exceed 236 KLD.
- ix. 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.
- x. 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.
- xi. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to 500 KVA DG sets for controlling the noise pollution.
- ii. 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.
- iii. 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

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The total power requirements for project will be 2000 KVA. The power will be supplied by Power Generator i.e. Grid power.

(F) Waste management

- i. PP will explore the possibility of using cleaner fuel option like gas in place of coal in future.
- ii. The generated fly ash will be given to the bricks manufacture.
- iii. 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.
- iv. As proposed, 95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.

- v. 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.
- vi. 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.
- vii. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- viii. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
- ix. 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.
- x. 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.
- xi. 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.
- xii. 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.
- xiii. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
- xiv. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
- xv. 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.
- xvi. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- xvii. 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.
- xviii. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. 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.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

(G) Green Belt

- i. $1606 + 4100 = 5706$ sq. meter area will be covered with the good green belt and 1430 trees will be planted apart from the existing plans of 230 number. The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of

plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.

- ii. 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iii. PP shall also develop green belt along the road with 100 numbers of trees. Further PP shall develop green belt over community places in consultation with DIC or IMC.

(H) Safety, Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. 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.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. 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.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. 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

- i. 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.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. 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.
- iv. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- v. The proposed EMP cost is Rs. 390 Lakhs as capital and 39.10 Lakhs /year as recurring cost.
- vi. Under CER activity, Rs. **38.31163** Lakhs as capital has proposed for different activities. PP shall complied with the commitment of providing infrastructure facility at school and skill development programme.
- vii. 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.
- viii. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J) Miscellaneous

- i. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- ii. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- iii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- iv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

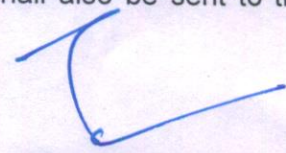
Standard Conditions:

1. The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.
2. The company shall comply with the CREP guidelines prepared by MPPCB for Bulk Drug Plants.
3. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.

4. Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.
5. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
6. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.
7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.
8. The Regional Office, MoEF, GoI, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, GoI, Bhopal and MP PCB.
9. 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 concerned Government Departments / organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
10. The project proponent has to strictly follow directions/guideline issued by the MoEF, GoI, CPCB and other Govt. agencies from time to time.
11. 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 and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal and MP PCB.
12. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/> and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also
13. 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.
14. 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.

15. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
16. 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.
17. 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.
18. The prior Environmental Clearance granted for the project is valid for a period of seven years as per EIA notification dtd. 14.09.2006 & its amendments.
19. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
20. 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.

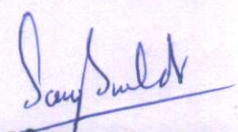

(Tanvi Sundriyal)
Member Secretary

1155
Endt No. / SEIAA/ 2020

Dated 19.6.2020

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Dhar, M.P.
- (5). 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).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.


(Dr. Sanjeev Sachdev)
Officer-in-Charge