

ENVIRONMENTAL
CLEARANCE



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), MADHYA PRADESH)

To,

The Director- Operations
ANGEEL OAK SPECIALITY CHEMTECH PRIVATE LIMITED
Plot No. 59,60,61,63
DMIC, Vikram Udyogpuri, Ujjain -456664

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MP/IND3/403908/2022 dated 28 Oct 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B000MP184760
2. File No.	9211/2022
3. Project Type	New
4. Category	B
5. Project/Activity including Schedule No.	N/A
6. Name of Project	Angeel Oak Speciality Chemtech Pvt Ltd
7. Name of Company/Organization	ANGEEL OAK SPECIALITY CHEMTECH PRIVATE LIMITED
8. Location of Project	MADHYA PRADESH
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/01/2023

(e-signed)
Mujeebur Rehman Khan
Member Secretary
SEIAA - (MADHYA PRADESH)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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and Virtuous Environmental Single-Window Hub)



Ref: Proposal No. SIA/MP/IND3/403908/2022, Case No 9211/2022: Prior Environment Clearance for Manufacturing of API & API Intermediates at Plot No. 59, 60, 61, & 63, Industrial Area, DMIC Vikram Udyogpuri Limited, Dist. Ujjain (MP) Production Capacity – 1839 MTPA by M/s ANGEEL OAK Speciality Chemtech Pvt. Limited, 218, Shekhar Central, 4-5, Manoramaganj, Near Palasia Square, Dist. Indore, MP - 452001, Email: operations@aosc.in Mobile: 9963344455 Env. Consultant - M/s. Creative Enviro Services, Bhopal.

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 2, pre-feasibility report, 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. यह प्रकरण डीएमआईसी, विक्रम उद्योगपुरी, जिला उज्जैन (एमपी) में प्लॉट नंबर 59, 60, 61, & 63 पर एक्टिव फार्मास्यूटिकल इन्ट्रिडिमेंट्स और एपीआई इन्टरमिडियेट्स के प्रस्तावित उत्पादन क्षमता 1839 MTPA उत्पादन के लिए पूर्व पर्यावरण स्वीकृति का है। उक्त परियोजना M/s ANGEEL OAK Speciality Chemtech Pvt. Limited के द्वारा प्रस्तावित की गई है।
- ii. परियोजना प्रस्तावक द्वारा डीएमआईसी, विक्रम उद्योगपुरी जिले में प्लॉट नंबर 59, 60, 61, और 63 पर 63144.92 sq.m की भूमि का अधिग्रहण किया गया है।
- iii. As per EIA Notification, 2006 and subsequent amendments, proposed project falls under Category 5(f) "Synthetic organic chemicals industry (bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) and required prior Environmental Clearance.
- iv. There are no Forest, Biosphere Reserve, National Park, Wild Life Sanctuary, and Wild Life Corridor present within 05 km Influence Zone.
- v. प्रकरण को एसईएसी की 579 वीं बैठक दिनांक 17.06.22 को टीओआर हेतु अनुशंसा की गई थी जिसे SEIAA की 734वीं बैठक दिनांक 02.07.22 में मान्य करते हुए पत्र क्रमांक 974-75, दिनांक 08.07.22 के माध्यम से ToR जारी किया गया था।
- vi. परियोजना का विवरण निम्नानुसार है:-

Required Details	Project Details
Land acquired	63144.92 Sq meters
Latitude & Longitude	23° 5' 45.99"N 75° 57' 2.92"E
Production Capacity	1839 MTPA (Products)
Cost of Project	70 Crore
Power Requirement	1000 KW
Alternative Source of Power (D.G. Sets)	600 KVA (2Nos.)
Water Requirements	273 KLD (Water Connection of 300 KLD from DMIC)
Waste water generation	103 KLD
Boiler	3 Tons (1Nos)
Thermic Fluid Heater	6 lakh Kcal. (1 Nos.) 10 lakh Kcal. (1 Nos.)
Green belt Development	20837.8 Sq meters
ETP	परियोजना में जेडएलडी आधारित ईटीपी 120 केएलडी (ईटीपी का 70 केएलडी + एमईई का 50 केएलडी) प्रस्तावित है, जो 103 केएलडी के

	सबसे खराब स्थिति (worst case scenario) से अधिक है।
Scrubber	3000 Lt. – 04 Nos. (Multi Stage Scrubber) 1000 Lt. – 02 Nos. (Single Stage Scrubber) परियोजना में 924.98 किग्रा/दिन खतरनाक अपशिष्ट का उत्सर्जन होगा जिसके लिए 3KLD की क्षमता वाले 4 स्क्रबर और भंडारण क्षेत्र के लिए 1KL की क्षमता वाले 2 स्क्रबर स्थापित किया जाना प्रस्तावित है।
EMP cost (capital)	476.70 Lacs
EMP cost (Recurring)	40.3 Lacs
CER	140 Lacs

vii. उक्त प्रकरण को राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक 610 वीं दिनांक 08.12.2022 में पर्यावरण स्वीकृति हेतु अनुशंसित किया गया, उक्त बैठक की कार्यवाही विवरण पृष्ठ क्र. 01 से 12 तक अंकित है।

viii. SEAC की अनुशंसा अनुसार परियोजना की उत्पादन क्षमता निम्ननुसार है –

S.No.	Products	Quantity MTPA
1	Ortho fluoro Aniline	135
2	Para fluoro Aniline	134
3	2,4 Dichlorofluoro Benzene	200
4	1,3 Difluoro benzene	150
5	5 Nitro Salicylic Acid	180
6	Para fluoro anisole	100
7	Para fluoro Phenol	89
8	HexaFluoro Iso propyl methyl ether	483
9	Celecoxib	60
10	2,4 Di fluorobenzyl amine	60
11	1 Fluoro Naphthalene	60
12	3,5 Difluoro aniline	50
13	Para fluoro benzoic acid	138
	Total	1839

ix. PP has submitted that the location of STP is shifted from eastern part to the western part of the allotted area to maintain distance from the nearby water body and as per the elevation profile of the site, in case of any accidental discharge, there is no possibility that the discharge may find its way to the water body.

x. The boiler (03 TPH) will either be diesel/LPG/PNG fired.

xi. The solvent recovery will be >97.50%.

xii. PP has proposed greenbelt development in the area of 20837.80 m² (33 % of total plot area) by planting total 2000 trees.

Based on the information submitted at Para i to xii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 763rd meeting held on 07.12.2022 and decided to accept the recommendations of 610th SEAC meeting held on dated 08.12.2022.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14th September 2006 & its amendments to the proposed Manufacturing of API & API Intermediates at Plot No. 59, 60, 61, & 63, Industrial Area, DMIC Vikram Udyogpuri Limited, Dist. Ujjain (MP) Production Capacity – 1839 MTPA by M/s ANGEEL OAK Speciality Chemtech Pvt. Limited, 218, Shekhar Central, 4-5, Manoramaganj, Near Palasia Square, Dist. Indore, MP - 452001 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. परियोजना में उत्सर्जित खतरनाक अपशिष्टों का प्रबंधन पर विशेष व्यवस्थाओं पर ध्यान रखा जाये। उत्सर्जित खतरनाक अपशिष्टों का लेखा रखा जाये एवं उनका निष्पादन कैसे हुआ का भी विवरण का रिकार्ड रखें। यह सतत् प्रक्रिया हो जिससे प्रतिदिन संधारित किये जाये एवं उनका विवरण मं.प्र. प्रदूषण नियंत्रण बोर्ड को अर्ध वार्षिक आधार पर भेजा जाये।
2. परियोजना में उत्सर्जित अपशिष्ट जैसे Spent HCL, H₂SO₄ एवं Bromine को अधिकृत रिसाइकलरों को बेचा जाये।
3. खतरनाक रसायनों, गैसों के प्रबंधन पर समुचित ध्यान रखा जाये एवं आपदा से निपटने के समय-समय पर माकड्रिल आयोजित की जाये।
4. परियोजना में ZLD की शर्त अनिवार्य रूप से अधिरोपित है, परियोजना अंतर्गत उच्च COD वाले जल अपशिष्ट के MEE एवं ATFD द्वारा उपचारित किया जायेगा एवं निष्पादन हेतु भेजा जायेगा। निम्न COD वाले जल अपशिष्ट का उपचार ETP से उपचारित कर पुर्न उपयोग किया जायेगा।
5. परियोजना अंतर्गत उत्सर्जित उष्मा का समुचित प्रबंधन कर पुर्नउपयोग किया जाये।
6. ईकाई से निकलने वाली दुर्गन्ध के शमन के लिये Guidelines on Odour Pollution & Its Control, May 2008, Central Pollution Board, Ministry of Environment Govt. of India के सुझाये उपायों के अनुकूल व्यवस्था की जाये।
 - a. दुर्गन्ध उत्पन्न करने वाले घटकों को चिह्नित कर उनके लिये पर्याप्त बफर जोन रखा जाये।
 - b. दुर्गन्ध वाले क्षेत्रों की सीमा रेखा पर नोजल स्प्रेयर एवं एटलाइजर का निरंतर छिड़काव की व्यवस्था की जाये।
 - c. उपाय जैसे मिस्ट फिल्टरेशन, वेट स्क्रबिंग, केमिकल उपचार एवं ग्रीन बेल्ट जैसे अन्य उपायों से दुर्गन्ध शमन पर प्रभावी कदम उढाये जाये।
7. परियोजना अंतर्गत कार्बन फुट प्रिंट को कम करने के लिये गैर पारंपरिक ऊर्जा का उपयोग किया जाने एवं CO₂ उत्सर्जन पर नियंत्रण के उपायों पर भी व्यापक कार्य योजना बनाकर लक्ष्य प्राप्ति हेतु सतत् प्रयत्न अनिवार्य रूप से किया जाये।
8. सघन हरित क्षेत्र (33% से कम नहीं) साइट के चारों ओर विशेष रूप से प्रमुख हवा की दिशा में विकसित किया जाना चाहिए।
9. उद्योग से उत्सर्जित Waste Heat का पुर्नउपयोग सुनिश्चित किया जावे।
10. **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.
11. **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.
- (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) Transportation of raw material and finished goods should be carried out in covered trucks.
 - (h) 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.

12. 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.
13. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.

14. Green Belt:

- (a) PP should ensure plantation in area of 33% of the total plot area and 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.
15. PP should ensure the implementation of CER activities on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for development of infrastructure in Anganwadi.
16. 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.
17. 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.

18. PP should ensure to conduct regular on site and of site mock drill as per Health and Safety Norms.
19. PP should ensure disposal of storm water (if any) to linkage with AKVN (DMIC) drainage system.
20. 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.

B. Specific Conditions as recommended by SEAC

List of proposed EC product details are as given below:

Index	List of Finished Products	Quantity MTPA
A	Products	
1	Ortho fluoro Aniline	135
2	Para fluoro Aniline	134
3	2,4 Dichlorofluoro Benzene	200
4	1,3 Difluoro benzene	150
5	5 Nitro Salicylic Acid	180
6	Para fluoro anisole	100
7	Para fluoro Phenol	89
8	HexaFluoro Iso propyl methyl ether	483
9	Celecoxib	60
10	2,4 Di fluorobenzyl amine	60
11	1 Fluoro Naphthalene	60
12	3,5 Difluoro aniline	50
13	Para fluoro benzoic acid	138
	Total	1839

I Statutory Compliance

- i. 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).
- ii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- 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.

II 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. 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, chemicals etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- v. The DG sets (2 x 600 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.

- vi. 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.
- vii. 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.

III 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. Zero Liquid Discharge through 120 KLD of ETP (70 KLD ETP + 50 MEE & ATFD) and no waste/treated water shall be discharged outside the premises.
- iii. 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.
- iv. 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.
- v. Total fresh water requirement shall not exceed 200 KLD and as proposed, in case, if in-house bore or tube well is required, than CGWA permission shall be obtained before extracting ground water.
- vi. 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.
- vii. The Company shall harvest rainwater, after taking permission from State Pollution Control Board, from the roof tops of the admin buildings. Process building, raw material and finished goods storage building shall not be used for ground water recharging.
- viii. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

IV Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG sets (2 x 600 kVA) 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.

V Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The total power requirements for project will be 1000 KW.
- iii. The power will be supplied by Madhya Pradesh Electricity Board.

VI Waste management

- i. 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.
- ii. Hazardous waste such as Used oil, Discarded containers/drums, shall be handled & disposed as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016 as follows:

S.No.	Name of the Waste	Category	Qty(MTPA)	Disposal Mode
1.	Used/spent oil	5.1	0.5	Authorized Recycler & TSDF
2.	Wastes/residues containing oil	5.2	0.5	Authorized Recycler & TSDF
3.	Contaminated aromatic, aliphatic or naphthenic solvents not fit for originally intended	20.1	24	Authorized Recycler & TSDF

	use			
4.	Spent solvent	21.2	1	Authorized Recycler & TSDF
5.	Spent catalyst	28.2	12	Authorized Recycler, Co processing & TSDF
6.	Spent carbon	28.3	5	Authorized Recycler, Co processing & TSDF
7.	Off specification products	28.4	5	Authorized Recycler & TSDF
8.	Date - expired products	28.5	1	TSDF
9.	Spent solvents	28.6	300	Authorized Recycler
10.	Empty barrels / containers /liners contaminated with hazardous chemicals / wastes	33.1	8	Authorized Recycler
11.	Contaminated cotton rags or other cleaning materials	33.2	1	Authorized Recycler & TSDF
12.	Chemical-containing residue arising from decontamination.	34.1	5	Authorized Recycler, Co-processing & TSDF
13.	Exhaust Air or Gas cleaning residue	35.1	1	Authorized Recycler & TSDF
14.	Spent ion exchange resin containing toxic metals	35.2	3	Authorized Recycler, Co-processing & TSDF
15.	Chemical sludge from waste water treatment	35.3	900	Authorized Recycler, Co processing & TSDF
16.	Oil and grease skimming	35.4	1	Authorized Recycler & TSDF
17.	Process Residue and wastes	28.1	279	Authorized Recycler & TSDF
18.	Process Residue and wastes – Spent H ₂ SO ₄	28.1	1396.43	It will be sold off to Authorized Recycler / TSDF
19.	Process Residue and wastes – Spent HCL	28.1	2167.1	It will be sold off to Authorized Recycler / TSDF
20.	Process Residue and waste – Bromine	28.1	292.13	Reutilize within the process / Authorized recycler /TSDF

- iii. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- iv. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
- v. 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.
- vi. 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.
- vii. 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.
- viii. 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.
- ix. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
- x. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.

- xi. 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.
- xii. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

VII Green Belt

- i. Total 2000 trees shall be planted in the area of 20837.80 m² (33 % of total plot area) which is developed as greenbelt development.
- ii. Plantation details are as given below:-

Description	Qty.	Location
Neem	250	Boundary Wall
Putran Jeeva	250	Boundary Wall
Amaltash	250	Road Main Gate - Admin Block
Peepal	250	Boundary Wall
Jamun	250	Around the water channel present at the project site.
Bakul	250	Around the water channel present at the project site.
Karanj	250	Around the water channel present at the project site.
Ashoka Tree	250	Around Admin Block, lawn and around boundary limit (backside of the site)
TOTAL	2000	

- iii. 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.
- iv. 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 presentation 2.86 Hect., area which will be 33% of total land area of project. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

VIII 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.

IX EMP & CER

- i. The proposed EMP cost is Rs. 517.00 lakhs and 40.30 lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 1.0 lakhs and Rs. 25.0 lakhs is proposed for green belt development.

- ii. Under CER activity, capital cost is Rs. 140.00 lakhs proposed for following different activities.

CORPORATE ENVIRONMENT RESPONSIBILITY		RS in Lakhs
1	Corporate Environment Responsibility in School Infrastructure (Solar Panel, Water RO, toilets, benches etc.) - Kawadi government School, Gawdi Primary Government School, Govt. M.S. Munjakhedi, Govt. Primary School karcha and Infrastructure development for Aanganbadi (Kawadi, Narvar, Piploda)	30 Lakhs
2	Solar cooker/ cylinders under UjjawalaYojna provision for camping labours of entire area	20 Lakhs
3	Plantation along Kshipra river in the first year of commencement of the project and yearwise budget shall be given to DFO in coming three years.	50 Lakhs
4	Medical checkup camps, vaccination camps for nearby villages	20 Lakhs
5	Medical Equipments for rural area	20 Lakhs
Total		140 lakhs

- iii. 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.
- iv. 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.
- v. 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.
- vi. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- 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.

X. 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 DTSH 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, Gol, 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, Gol, 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, Gol, 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, Gol, 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 & CC, Gol.


 (Mujeebur Rehman Khan)
Member Secretary

Copy to:-

- (1). Principal Secretary, Department of Environment., Government of MP, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, ParyavaranParisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, ParyavaranParisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Ujjain (M.P.).
- (5). M P Audyogik Kendra Vikas Nigam (Ujjain) Ltd. Nana Kheda Bus Stand Campus, Indore Road, UJJAIN-456010 (M.P.)
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, JorBagh 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.


 (Alok Nayak)
Officer-in-Charge