

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 General Manager  
DCM NOUVELLE SPECIALTY CHEMICALS LIMITED  
407 VIKRANT TOWER 4 RAJENDRA PLACE NEW DELHI -110008

**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/IND3/82304/2022 dated 12 Sep 2022. The particulars of the environmental clearance granted to the project are as below.

1. **EC Identification No.** EC22B021MP186615
2. **File No.** 9133/2022
3. **Project Type** New
4. **Category** B1
5. **Project/Activity including Schedule No.** 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk
6. **Name of Project**
7. **Name of Company/Organization** DCM NOUVELLE SPECIALTY CHEMICALS LIMITED
8. **Location of Project** Madhya Pradesh
9. **TOR Date** 06 Jun 2022

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

Date: 09/12/2022

(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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PARIVESH

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and Virtuous Environmental Single-Window Hub)



**Ref: Proposal No. SIA/MP/IND3/82304/2022 - Case No 9133/2022:** Prior Environment Clearance for, Manufacture of specialty chemicals at Plot No. 91, 92, 93 in DMIC, Vikram Udyogpuri, Dist. Ujjain (MP) Land Area : 86,325.5 sq.m. Production Capacity : 13,500 Tons/Month by M/s DCM Nouvelle Specialty Chemicals Ltd, through General Manager 407, Vikrant Tower, 04, Rajendra Place, New Delhi- 110008, Email: [dcmujjain@gmail.com](mailto:dcmujjain@gmail.com) Mob:9315862444 Env. Consultant: Envisolve LLP, Indore (MP)

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 14<sup>th</sup> September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form 2, pre-feasibility 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 91, 92 93 पर विशेष रसायनों का निर्माण उत्पादन के लिए पूर्व पर्यावरण स्वीकृति का है। उक्त परियोजना DCM Nouvelle Limited की सहायक कंपनी DCM Nouvelle Specialty Chemicals Limited के द्वारा प्रस्तावित किया गया है।
- ii. परियोजना प्रस्तावक द्वारा डीएमआईसी, विक्रम उद्योगपुरी जिले में प्लॉट नंबर 91, 92 और 93 पर 86325.5 sq-m की भूमि का अधिग्रहण किया गया है।
- iii. परियोजना प्रस्तावक द्वारा 10 कि.मी. की परिधि में अंतरराज्यीय सीमा, राष्ट्रीय उद्यान, अभयारण्य एवं पारिस्थितिकीय संवेदनशील का नहीं होना बताया गया है।
- iv. 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.
- v. TOR was recommended in the 569th SEAC meeting dated 06.05.2022 & issued by SEIAA authority vide letter no. 684/SEIAA/2022) dated 06<sup>th</sup> May 2022 .
- vi. There are no Forest, Biosphere Reserve, National Park, Wild Life Sanctuary, and Wild Life Corridor present within 05 km Influence Zone.
- vii. Site is geographically located Latitude: 23° 5'39.79"N, Longitude: 75°56'24.54" E.
- viii. उक्त प्रकरण को राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक 598 वीं दिनांक 07.10. 2022 में पर्यावरण स्वीकृति हेतु अनुशंसित किया गया, उक्त बैठक की कार्यवाही विवरण पृष्ठ क्र. 30 से 41 तक अंकित है।
- ix. **परियोजना का विवरण:-**

Name of the project	Specialty Chemicals Manufacturing Unit
Category of Project. e.' A' or 'B'	"B" as the proposed site is under Notified Industrial Area
Proposed capacity of product	13,500 Tons/month
Plot/Survey/ Khasra No. Location	Plot No. 91, 92 & 93 at DMIC, Vikram Udyogpuri Dist. Ujjain, Madhya Pradesh.
Land acquired	86,325.5 m <sup>2</sup>
Boiler capacity	Total 02 Boiler 01- 10 Ton- Biomass, 02-10 Ton- FO
Alternative Source of Power	02 nos., 1000 KVA each
Estimated Cost of proposed project	200 Crore. This cost also include the cost of the Land.
Total Water Requirement -	1971 KL/day

Fresh Water Requirement	1106 KLD
Total Wastewater generation -	900 KL/day from process & 100 KL from Domestic Low TDS wastewater – 724 KLD High TDS wastewater – 176 KLD Total Recycle water- 865KL/day Total Fresh Water Requirement - 1106 KL/day ETP Capacity- 900 KLD, MEE Capacity- 221 KLD ATFD Capacity- 25 KLD STP Capacity- 100 KLD
Green Belt	28487.75 m2 (33 % of total plot area)
EMP	PP has proposed EMP cost is Rs. 1580.00 lakhs and 219.60 lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 5.0 lakhs and Rs. 15.0 lakhs is proposed for green belt development.
CER	Under CER activity, capital cost Rs. 200.00 lakhs proposed

Based on the information submitted at Para i to x above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 759<sup>th</sup> meeting held on 24.11.2022 and decided to accept the recommendations of 598<sup>th</sup> SEAC meeting held on dated 07.10.2022.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14<sup>th</sup> September 2006 & its amendments to the proposed Manufacture of specialty chemicals at Plot No. 91, 92, 93 in DMIC, Vikram Udhogpuri, Dist. Ujjain (MP) Land Area : 86,325.5 sq.m. Production Capacity : 13,500 Tons/Month by M/s DCM Nouvelle Specality Chemicals Ltd, through General Manager 407, Vikrant Tower, 04, Rajendra Place, New Delhi- 110008 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. स्वच्छ जल की समस्त मांग के डी,म आईसी) विक्रम उद्योगपुरी) माध्यम से पूरी की जानी चाहिए
2. परियोजना प्रस्तावक द्वारा "जीरो लिक्विड डिस्चार्ज" इकाई प्रस्तावित किया गया है अपशिष्ट जल के उपचार और पुनर्चक्रण के लिए पतली फिल्म वाष्पीकरण प्रौद्योगिकी आधारित एमवीआर वाष्पीकरण तथा अन्य सक्षम व्यवस्था प्रणाली के द्वारा ही किया जाना सुनिश्चित करे ।
3. दोनों प्रस्तावित बॉयलरों से कुल फलाई ऐश उत्पादन लगभग 32 टीपीडी होगा उत्सर्जित फलाई ऐश का निष्पादन फलाई ऐश अधिसूचना, 2009 के अनुसार ईट एवं अन्य निर्माण उद्योगों में उपयोग किया जाना सुनिश्चित करे ।
4. गंध नियंत्रण के लिए निम्नानुसर व्यवस्था की जानी चाहियें :-
  - नोजल, स्प्रेयर और एटमाइजर जो पानी या रसायनों के अल्ट्रा-फाइन कणों को स्प्रे करते हैं, गंध को दबाने के लिए क्षेत्र स्रोतों की सीमा रेखा के साथ उपयोग किया जाना चाहिए
  - गंधयुक्त हवा की धाराओं में अक्सर नमी की उच्च सांद्रता होती है। पीपी को इस उद्देश्य के लिए मिस्ट फिल्टर का उपयोग करना सुनिश्चित करना चाहिए ताकि धुंध फिल्टर ठोस और तरल पदार्थ को गैस की धारा से हटा सके। यदि आवश्यक हो तो Activated Carbon Filter या समकक्ष अन्य व्यवस्था गंध के प्रभावी नियंत्रण के लिये किया जाना चाहिए।
  - Sludge और odor producing material को नियमित रूप से TSDf साईट पर भेजा जाना चाहिए

- परियोजना के गंध पैदा करने वाले घटक के चारों ओर छोटे सुगंधित वृक्षों/झाड़ियों सहित मोटी हरित पट्टी लगाई जानी चाहिए।
5. अमोनिया के रिसाव को रोकने तथा गंध के नियंत्रण हेतु समुचित रख रखाव व सुरक्षा व्यवस्था सुनिश्चित किया जाना चाहिए।
  6. पीपी पर्यावरण निगरानी में कार्बन फुटप्रिंट को शामिल करते हुए, प्रबंधन प्रणालियों में उनके फुटप्रिंट को कम करने के लिए लक्ष्य निर्धारित अनिवार्य रूप से करे।
  7. सघन हरित क्षेत्र (33% से कम नहीं) साइट के चारों ओर विशेष रूप से प्रमुख हवा की दिशा में विकसित किया जाना चाहिए।
  8. उद्योग से उत्सर्जित Waste Heat का पुर्नउपयोग सुनिश्चित किया जावे।
  9. **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.
  10. **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.

#### 11. 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.

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

#### 13. 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.

14. 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.

15. 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.

16. 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.

17. PP should ensure to conduct regular on site and of site mock drill as per Health and Safety Norms.

18. PP should ensure disposal of storm water (if any) to linkage with AKVN (DMIC) drainage system.

19. 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:

S.No.	Product Name	Capacity in MT/M	End Uses
1.	Alkyl Amines	2500	Pharmaceutical, Agrochemical, Rubber Chemicals,
2.	Aromatic Amines	2500	
3.	Fatty Amines &Amides	5000	

4.	Alkylated Phenols & Alkali Metal Methylates	2500	Specialty Polymers & Petroleum industries
5.	Ethoxylates of Fatty Amines & Fatty Alcohols	1000	
<b>Total</b>		<b>13,500 MT/Month</b>	

#### I 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.
- 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

- 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.
- 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.
- 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 as follows:

S.No.	Head	Boiler Details	
1	Capacity	10 Ton/hr	10 Ton/hr
2	Numbers	1	1
3	Fuel Type	Biomass	Furnace oil
4	Qty of fuel used per hr.	2367 kg/hr for Biomass (3000 NCV)	788 Kg/hr
5	Height of Stack	31	31
5	Temp of exit gas	160°C	180°C
6	Velocity of exit gas	10 m/s	15 m/s
7	SO <sub>2</sub> emission rate	0.03 gm/sec	0.05 gm/sec
8	NO <sub>x</sub> emission rate	0.012 gm/sec.	0.027 gm/sec
9	Predicted Air Emissions	SO <sub>2</sub> , NO <sub>x</sub> , CO, PM	
10	Air Pollution Control measures	Bag Filters. Sufficient stack height.	

- Storage of raw materials, chemicals etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- The DG sets (2 x 1000 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.
- 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" shall be ensured using ETP (900 KLD), MEE (Capacity 221 KLD ), ATFD (Capacity 25 KLD ) 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 1106 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 1000 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 4 MW.
- 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:

Expected Solid/Hazardous waste	Category	Quantity (Approx.)	Disposal Mode
Distillation residues	20.3	60 TPM	Authorized MPWMF (Ramkey), Management services for Disposal / sent to cement manufacturing after the approval of MPPCB.
Deactivated catalyst	28.2	25.83 TPM	Send to MPWMF (Ramkey), Authorized TSDF Management services for Disposal.

Deactivated Hydrogenation precious metal catalyst	28.2	29.43TPM	Send back to Supplier or pre-processor
ETP Sludge	35.3	7.5TPM	Send to MPWMF (Ramkey), Authorized TSDF Management services for Disposal.
Spent oil/used oil	5.1	3 TPM	Collection, storage and Sold to MPPCB Authorized Reprocessor / Recycler
ATFD Residue (salt)	37.3	600 TPM	MPWMF (Ramkey), Pithampur
Empty containers of chemicals used in processes	33.1	500 Drums/ Month.	MPPCB Authorized Recycler before washing
Batch Reaction material (if any).	-	10TPM	Authorized MPWMF (Ramkey), Management services for Disposal.
E-Waste	-	3 TPA	Send to authorized Recycler
Used lead acid batteries	-	06 no/ Annum	Exchange for new batteries.

- 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.
- xiii. ETP sludge, process inorganic salt shall be disposed off to the TSDF.

#### VII Green Belt

- i. Total 2500 trees shall be planted in the area of 28487.75 m<sup>2</sup> (33 % of total plot area) which is developed as greenbelt development.
- ii. The natural flow of surface drain will be protected and maintained by planting 1000 no. of species such as Karanj, Jamun, Lasoda, Shahtoot, Khasgaas, Nagarmotha etc. 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
Ficus Venjamin	250	Around Admin Block, road & lawn
Jamun	250	Around the water channel present at the project site.
Shahtoot	250	Around the water channel present at the project site.
Lasoda	250	Around the water channel present at the project site.
Karanj	250	Around the water channel present at the project site.
Satparni	250	Around Admin Block, road & lawn
Ashoka Tree	250	Around Admin Block, lawn and around boundary limit (backside of the site)
<b>TOTAL</b>	<b>2500</b>	250 numbers of plants shall be around the periphery at outside of the unit subject to allotment of land for plantation by MPIDC.

- 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. 1580.00 lakhs and 219.60 lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 5.0 lakhs and Rs. 15.0 lakhs is proposed for green belt development.
- ii. Under CER activity, capital cost is Rs. 200.00 lakhs proposed for following different activities.

S.No.	Particulars	Total cost (Rs./Lacs) (in 10 years )
1.	Plantation along the banks of Kshipra River through DFO and amount be transferred to account given by DFO concerned.	50 .00
2.	Installation of- <ul style="list-style-type: none"> <li>• Solar panels,</li> <li>• Drinking water cooler with RO,</li> <li>• Distribution of computers in IT lab. at Karchha Govt. girls high secondary school</li> </ul>	50 .00
3.	<ul style="list-style-type: none"> <li>• Medical camps,</li> <li>• Distribution of hygiene kits and supplements for disabled children in nearby villages with consultation of local gram panchayat</li> </ul>	50 .00
4.	<ul style="list-style-type: none"> <li>• Development of green area with plantation of fruit bearing trees on unused govt. land with consultation of DFO and District Magistrate</li> </ul>	50.00
<b>Total CER cost in Lacs</b>		<b>200 .00</b>

- 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 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, 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](http://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

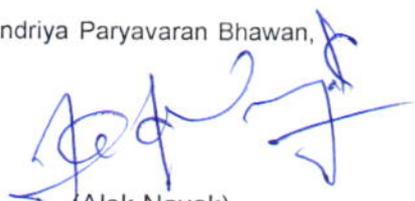
implementation of the suggested safeguard measures in a time bound and satisfactory manner.

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, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
20. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF & 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, Aera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, ParyavaranParisar, E-5, Aera Colony, Bhopal-462016.
- (4). The Collector, Distt- Ujjain (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, 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