ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

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

To,

The Managing Director

INFINITY LABORATORIES PRIVATE LIMITED

Village-Behra, Gulabgarh-Behra road, Tehsil-Derabassi, District-SAS-Nagar, Punjab. -140507

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/PB/IND3/248344/2021 dated 23 Nov 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC23B058PB190862**
2.	**File No.**	SEIAA/PB/IND/2022/EC(EXP)/01
3.	**Project Type**	Expansion
4.	**Category**	B2
5.	**Project/Activity including Schedule No.**	5(f)-API
6.	**Name of Project**	Proposed Expansion in API Drug Manufacturing Unit namely "M/s Infinity Laboratories Private Limited "at Village-Behra, Gulabgarh-Behra road, Tehsil-Derabassi, District-SAS Nagar, State-Punjab.
7.	**Name of Company/Organization**	INFINITY LABORATORIES PRIVATE LIMITED
8.	**Location of Project**	Punjab
9.	**TOR Date**	N/A

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

(e-signed)
Kamal Kumar Garg, PCS
Member Secretary
SEIAA - (Punjab)

Date: 12/01/2023

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.

This is a computer generated cover page.

This has reference to your online Proposal no. SIA/PB/IND3/248344/2021 dated 29.12.2021 for environmental clearance to the above-mentioned project.

State Environment Impact Assessment Authority has examined the proposal for the expansion in API Bulk Drug Pharmaceutical manufacturing unit M/s Infinity Laboratories Limited at Village Behra, Derabassi, District SAS Nagar, Punjab.

As per EIA Notification, 14.09.2006, the project falls under "A" category but now, as per notification S.O. 2859(E) dated 16.07.2021 issued by MOEF&CC, all proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 31st December 2021, shall be appraised as Category 'B2' Projects to ensure drug availability or production to reduce the impact of Novel Corona virus.

The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 on the basis of mandatory documents enclosed with application viz Form-1, PFR, EMP and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

<table>
<tr><th>Sr No.</th><th>Item</th><th>Details</th></tr>
<tr><td>1.</td><td>Name & Location of the project</td><td>M/s Infinity Laboratories Private Limited
Village Behra, Gulabgarh-Behra road, Tehsil Derabassi, Distt. Mohali, Punjab</td></tr>
<tr><td>2.</td><td>Nature of project</td><td>EC (Expansion)</td></tr>
<tr><td>3.</td><td>Latitude & Longitude</td><td>
<table>
<tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>30°34'3.95"N</td><td>76°52'57.11"E</td></tr>
<tr><td>B</td><td>30°34'3.40"N</td><td>76°52'58.70"E</td></tr>
<tr><td>C</td><td>30°33'57.85"N</td><td>76°52'58.15"E</td></tr>
<tr><td>D</td><td>30°33'58.10"N</td><td>76°52'56.80"E</td></tr>
</table>
</td></tr>
<tr><td>4.</td><td>Project/activity covered</td><td>(a) B-2
(b) 5 (f)
As per S.O. 2859(E) dated: 16.07.2021 "All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 31st December 2021, shall be appraised as Category 'B2' Projects.</td></tr>
</table>

<table>
<tr><td>5.</td><td>Classification/Land use pattern as per Master Plan</td><td>The site of the project falls under Free Enterprise Zone (FEZ) area.</td></tr>
<tr><td>6.</td><td>Cost of the project (after expansion)</td><td>Rs. 19.35320 Cr.</td></tr>
<tr><td>7.</td><td>Plot Area Details</td><td>The total area of the industry is 2.56 acres and for expansion, no new land is required. The land use planning is given below:
<table>
<tr><th>Details</th><th>Area (in sqm)</th></tr>
<tr><td>Plantation Area</td><td>3695</td></tr>
<tr><td>Road Area</td><td>1895</td></tr>
<tr><td>ETP Area</td><td>178</td></tr>
<tr><td>Incinerator</td><td>240</td></tr>
<tr><td>Hazardous waste storage Area</td><td>39</td></tr>
<tr><td>Open Area</td><td>2165</td></tr>
<tr><td>Total Area</td><td>10367 sqm</td></tr>
</table></td></tr>
<tr><td>8.</td><td>Raw Material details</td><td>The list of raw materials is given below:
<table>
<tr><th>Sr. No.</th><th>Raw Materials</th><th>Qty / Annum in Tons</th></tr>
<tr><td colspan="3">Raw Material for Existing products</td></tr>
<tr><td>1</td><td>7 ACA</td><td>184</td></tr>
<tr><td>2</td><td>Acetone</td><td>217.5</td></tr>
<tr><td>3</td><td>Acetone</td><td>213.75</td></tr>
<tr><td>4</td><td>Acetone</td><td>40</td></tr>
<tr><td>5</td><td>Ammonium Hydroxide</td><td>725</td></tr>
<tr><td>6</td><td>Caustic Soda</td><td>712.5</td></tr>
<tr><td>7</td><td>Caustic Soda</td><td>35.2</td></tr>
<tr><td>8</td><td>Caustic Soda</td><td>136</td></tr>
<tr><td>9</td><td>Chlorosulfonyl isocyanate</td><td>110</td></tr>
<tr><td>10</td><td>D- Camphor sulfonic acid</td><td>42.75</td></tr>
<tr><td>11</td><td>Dimethyl Acetamide</td><td>30</td></tr>
<tr><td>12</td><td>DL-PG Base</td><td>997.5</td></tr>
<tr><td>13</td><td>DL-PHPG Base</td><td>1015</td></tr>
<tr><td>14</td><td>DMF Solvent</td><td>35.2</td></tr>
<tr><td>15</td><td>D-PG Base</td><td>745.275</td></tr>
<tr><td>16</td><td>D-PHPG Base</td><td>841</td></tr>
<tr><td>17</td><td>Enzyme</td><td>0.352</td></tr>
<tr><td>18</td><td>Ethyl acetoacetate</td><td>638.4</td></tr>
<tr><td>19</td><td>Formaldehyde</td><td>176</td></tr>
<tr><td>20</td><td>GCLE</td><td>510.4</td></tr>
</table></td></tr>
</table>

			21	Hydrochloric acid	88
			22	Isopropyl alcohal	145
			23	Isopropyl alcohol	142.5
			24	MDC Solvent	52.8
			25	MDC Solvent	60
			26	Methanol	145
			27	Methanol	24
			28	Methyl aceto acetate	530.7
			29	N Butyl Acetate	52.8
			30	Phenol	17.6
			31	Phosphorous Pentachloride	162
			32	Potassium Hydroxide	269.7
			33	Potassium Hydroxide	275.025
			34	SMIA	144
			35	Sodium Iodide	176
			36	Sulphuric acid	435
			37	Triphenyl Phosphate	440
				TOTAL	**10565.952**
			Raw Material for Proposed products		
			39	1-ETHYL 1-2 AMINOMETHYL	37.8695
			40	2-Methoxy 5 – Sulfamoyl methyl	75.75
			41	Caustic Soda	241.1
			42	Dimethyl Sulfoxide	126.01
			43	HCl	29.0
			44	Ketoprofen nitrile	60.6
			45	Levofloxacin Q Acid	515.10
			46	MEG	100.1
			47	Methanol	1731.8
			48	N Methyl Piperazine	592.08
			49	Norfloxacin HCl	378.7
			50	Ofloxacin Q Acid	772.75
			51	Toluene	45.44

9. Production Capacity details:

Sr. No.	**Products**		**Additional products (after expansion)**		**Quantity of Present Products is to be discontinued (TPA)**	**Total quantity of products to be manufactured after proposed expansion (TPA)**
	Name	Quantity in TPA	Name	Quantity in TPA		
Products						

1.	D-p Hydroxy Phenyl glycine Dane salt	478.5			478.5	0
2.	D-phenyl glycine Dane salt	470.25	-	-	470.25	0
3.	7 AVCA	58.080	-	-	58.080	0
4.	Cefuroxime Acid	66	-	-	66	0
5.	-	-	Ofloxacin	304.668	-	304.668
6.	-	-	Levosulpiride	30.705	-	30.705
7.	-	-	Levofloxacin	200.928	-	200.928
8.	-	-	Ketoprofen	20.539	-	20.539
9.	-	-	Norfloxacin	104.46225	-	104.46225
Total		1072.83		661.30225	1072.83	661.30225
Blending & Packaging (Repackaging)						
1.	-	-	Mefenamic	120	-	120
2.	-	-	Azithromycin	36	-	36
3.	-	-	Ornidazole	60	-	60
4.	-	-	Pregabalin	36	-	36
5.			Atorvastatin Calcium	6	-	6
6.	-	-	Erythromycin salts	36	-	36
7.	-	-	Rosuvastatin Calcium	6	-	6
8.	-	-	Clopidogrel Bisulphate	12	-	12
9.	-	-	Cticoline	6	-	6
10.	-	-	Diclofenac Salts	90	-	90
11.	-	-	Clprofloxacin	100	-	100
12.	-	-	Fexofenadine Hydrochloride	6	-	6
13.	-	-	Methyl cobalamine	6	-	6
14.	-	-	Enrofloxacin	48	-	48

	15.	-	-	Vitamin B-12 Cyanocobalamine	3	-	3
	16.	-	-	Moxifloxacin	6	-	6
	17.	-	-	Ferusimide	6	-	6
	Total				643		643
	Bye-Product						
	1.	Sodium Sulphate	235			235	0
		TOTAL			**1304.1**	**1307.83**	**1304.1**

10.	Details of major productive machinery and utilities	**Sr. No.** / **Equipment/Utilities** 1 DM Plant 2 Chilling Plant 3 Chilling Plant 4 Cooling Towers 5 Soft water Plant 6 Boiler for steam 7 Transformer 8 Electricity Load 9 MEE 10 STP 11 Incinerator 12 DG Sets Other machineries as per the detailed list of machinery & utilities submitted along with application.
11.	Details of technology proposed for control of emissions & effluents generated from project	**Sr. No.** / **Source** / **Capacity** / **Chimney Height from GL** / **APCD** 1. Boiler / 1.5 Ton / 30 m / Multi cyclone followed by pulse jet bag filter (offline) 2. DG Set / 1X500 KVA, 1X180 KVA / Adequate stack height / -
12.	Manpower Requirements	120
13.	Detail of Fuel used	i) Briquette will be used as a fuel in boiler. ii) HSD will be used as fuel for DG set.
14.	Breakup of Water Requirements & its source in Operation Phase	**S. NO.** / **DESCRIPTION** / **Fresh water requirement (Existing) (KLD)** / **Fresh water requirement** / **Source of Water**

			(Proposed) (KLD) including existing	
1	Process water	22.5	21.64	Fresh/DM Water
2	Floor & Reactor Washings	2.0	2.0	Fresh Water
3	Boiler feed	7.0	4.0	Fresh/DM Water
4	Cooling Tower (makeup)	40	39	Fresh = 7.365 KLD MEE Condensate =31.635 KLD
5	D.M Plant regeneration	3.0	3.0	Fresh Water
6	Scrubber & Quality Control	2.0	2.0	Fresh water
7.	R&D	1.0	1.0	Fresh Water
8.	Domestic	3.0	4.0	Fresh water
Total		**80.5**	**76.64KLD**	**Fresh water-45.005KLD Treated water-31.635KLD**

Sources of water: Borewell

15. Waste water generation & its disposal Arrangement in Operation Phase

Sr. No.	**Description**	**Effluent Generation (KLD)**		
		Existing	**Proposed**	**After Expansion**
1	Floor & Reactor washings	2	2	2
2	Boiler	1.0	1.0	1.0
3	Cooling tower	2.0	3.0	3.0
4	D.M. Regeneration	3	3	3
5	Scrubber & Q.C.	1	1	1
6	R & D	1	1	1
	Total	**10.0**	**11.0**	**11.0**
7	Domestic	2.4		

16. Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal.

Sr. No.	**Type of Waste**	**Category (As per Schedule)**	**Generation per day from (Kgs)**		**Source of Generation**	**Mode of Storage**	**Mode of Treatment & Disposal**
			Existing Products	**After Expansion**			

1	Residue and waste	28.1	1160	410	Process	Drum Storage	Incineration
2	Spent Catalyst/Spent Carbon/ solid waste	28.2	512	49	Process	Drum storage	Incineration
3	Off specification product/spill /spoiled material	28.3	10	10	Process	Polybags	Incineration
4	Expired/Discarded & off specification medicines	28.4	-	10	Blending /Repacking	Polybags	Incineration
5	Spent Mother Liquors/Residue from distillation	28.5	200	180	Process	Drums	Incineration
6	Sludge from wet scrubbers	36.1	10	10	Process	HDPE Bags	Incineration
7	Ash from Incineration of Haz wastes	36.2	111.05	59	Incineration	HDPE bags	Hazardous storage shed
8	Discarded containers/barrels, Liners	33.3	20	25	Raw material usage	As such	Reuse/Sale
9	Sludge from treatment of wastewater	34.3	20	20	ETP treatment	HDPE bags	Hazardous storage shed

Other hazardous Waste Generation for existing and proposed unit:-

Sr. No.	**Source**	**Quantity** (Kgs) (Approved/Existing)	**Quantity** (Kgs) (Proposed)	**Handling Method**	**Disposal method**
1	Organic residue	522	150	HDPE Drums	Incineration
2	Organic Residue from distillation	200	180	HDPE Drums	Incineration
3	Inorganic & Evaporation Salt on sludge bed from MEE	1160	410	HDPE Bags	HW/TSDF Nimbuan/Incineration
4	ETP Sludge	50	40	HDPE Bags	HW/TSDF Nimbuan/Incineration

	5	Boiler Ash	200	200	Stored in covered area	HW/TSDF Nimbuan OR sold to brick manufacturer
		Total	2132	980		
	6	Incineration Ash	111.045	59	HDPE Bags	HW/TSDF Nimbuan
17.	Solid Waste generation and its mode of disposal		i) Solid waste to the tune of 4 TPA will be generated which shall be Bio-composted to use it as manure in plantation area. ii) Fuel ash of 435.6TPA will be generated. After expansion, it will remain same. Fuel ash will be given to brick kilns for making bricks. Also, it will be used as soil conditioner in the plantation area.			
18.	a) Energy requirements & savings: b) Energy saving measures to be adopted within industry		a) 900 KW energy will be required which will be met from PSPCL. b) 2 DG sets of Capacity 1x180KVA and 1x500 KVA will be installed with the adequate stack height. c) 17 KW energy will be saved by adopting following measures: i) 2 KW energy will be saved by using LEDs with tube lights. ii) 15 KW energy will be saved by adopting solar energy for outer lighting.			

The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 233rd meeting held on 29.11.2022. The SEAC noted that the project proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendations to grant Environmental Clearance for the expansion in API Bulk Drug Pharmaceutical manufacturing unit at village Behra, Gulabgarh-Behra road, Tehsil Dera Bassi, District SAS Nagar, Punjab by "M/s Infinity Laboratories Private Limited" as per the details mentioned

in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant.

The case was considered by the SEIAA in its 225th meeting held on 13.12.2022 wherein SEIAA observed that the case stands recommended by SEAC. The Authority examined and appraised the environmental impacts and other aspects of the project proposal in detail as deliberated upon and recorded in the proceedings of its 225th meeting held on 13.12.2022 and was satisfied with the same. Therefore, the Authority decided to grant Environmental Clearance for the expansion of API Bulk Drug Pharmaceutical manufacturing unit at village Behra, Gulabgarh-Behra road, Tehsil Dera Bassi, District SAS Nagar, Punjab by M/s Infinity Laboratories Private Limited as per the details mentioned in the application Form-1, PFR, EMP and subsequent presentation /clarifications made by the project proponent and its consultant with proposed and special conditions as recommended by SEAC, amended conditions as agreed by the project proponent in addition to the proposed measures.

Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance of terms and conditions as follows:

I. Statutory compliance

i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.

ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)

iv. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water and also in case of drawl of surface water required for the project. In case of non- grant of permission by CGWA for ground water abstraction, the

industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.

v. 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 Punjab State pollution Control Board/ Committee.

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

vii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.

viii. The project proponent shall comply with the CLU conditions imposed by competent authority, if any

ix. 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 SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO_2 and NO_x in reference to $S0_2$ and NO_x emissions) within and outside the plant area (at least at four locations one for small units) within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.

iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control

particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

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

viii. The DG sets 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.

ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

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. The total wastewater generated from the unit will be segregated into two streams i.e., High TDS stream for effective and proper treatment of the same.

High TDS effluent comprising of process stream @ 32.735 KLD. The capacity of MEE will be 1.7 KL/hr.

iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.

iv. Total fresh water requirement shall not exceed the quantity of 80 KLD as proposed in the proposal application. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.

v. 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.

vi. The Company shall store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.

vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.

viii. Provide electromagnetic flow meter at intake of water supply at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.

ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.

x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.

xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

IV. Noise monitoring and prevention

i. Acoustic enclosure shall be provided to DG set 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 EPA 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 project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

VI. Waste management

i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed of after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.

iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.

iv. 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.

v. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.

vii. 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.

VII. Green Belt

i. The green belt shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc.

ii. The Project Proponent shall develop green belt in 33% of the total land area with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover

the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sqm of the total project area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.

iii. The project proponent shall plant tall saplings having height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan.

i. The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

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. Firefighting 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.

viii. A first aid room will be provided in the project both during construction and operation phase of the project.

IX Validity of Environmental Clearance.

i. This environmental clearance will be valid for a period of Ten years from the date of its issue or till the completion of the project, whichever is earlier.

X Environmental Management Plan

i. 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. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

ii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of a senior Executive, who will report directly to the head of the organization.

iii. Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 36.6 Lacs towards the capital cost and Rs. 97 Lacs/annum towards recurring cost in the construction & operation phase of the project including the environmental monitoring cost as per the details given below:

S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	2.0	1.0
2	Air Pollution Control (Installation of APCD)	-	30.0
3	Water pollution (MEE)	-	35.0
4	Noise Pollution Control	2.0	0.20
5	Landscaping/ Green Belt Development	3.6	1.8
6	Solid/Hazardous Waste Management	-	20.0
7	Environment Monitoring and Management	--	4.0
8	Occupational Health, Safety and Risk Management	10.0	3.0

9	RWH	10.0	1.5
10	Energy conservation	5.0	0.50
11	Miscellaneous	4.0	--
	TOTAL	**Rs 36.6**	**Rs 97.0**

CER Details:

Sr. No.	**ACTIVITY**	**Funds Allocated in Lakhs**
1.	Rain Water harvesting	10.0
2.	Tree Plantation and Improvement of sanitary conditions by providing proper Toilets in the educational Institution located at village Behra, Kuranwala, Fatehpur and Kheri Gujjran	10.0
	TOTAL	**Rs 20.0**

The entire cost of the environmental management plan will continue to be borne by the project proponent for the lifetime of the Project. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

iv. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

XI. Miscellaneous

i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.

ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.

iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.

iv. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

v. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

vi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

vii. The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

viii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

ix. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

x. The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production/ operation by the project.

xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

xii. The project proponent shall abide by all the commitments and recommendations made in the ElA /EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.

xiii. No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

xiv. The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the

stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.

XII. Additional Conditions:

i. The Environmental Clearance is granted to the project subject to the condition that industry shall obtain change of land use/building plan approval for the industrial purposes and submit a copy of the same to SEIAA. In case, CLU/building plan approval has been rejected for industrial use for any reason, SEIAA will not be responsible for the cost incurred on the project.

ii. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations should be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.

iii. The Project Proponent shall install online monitoring system at inlet as well as at the outlet of ETP for monitoring various environmental parameters.

iv. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.

v. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.

vi. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.

vii. No treated/untreated wastewater shall be discharged outside premises of the industry in any scenario.

viii. The project proponent shall practice rainwater harvesting to maximum possible extent. For this the Project Proponent shall adopt nearest village pond for carrying out rain-water harvesting.

ix. The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rainwater etc is not impeded or disrupted in any manner.

x. The entire cost of the environmental management plan will continue to be borne by the project proponent for the lifetime of the Project. Year-wise progress of

implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report. Further, the project proponent shall also submit physical/financial progress along with utilization certificates and documentary evidence (including photographs and short video clips) of the works undertaken in lieu of CER activities in all the subsequent six-monthly compliance reports till the completion of these activities.

The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.

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.

Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein 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.

This issues as per the decision taken by Competent Authority.

(Kamal Kumar Garg, IAS)
Member Secretary, SEIAA

Through Parivesh

Copy to: -

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg,

Chandigarh-160030.The detail of the authorized Officer of the project proponent is as under:

a)	Name of the applicant	:	Mr. Anil Kumar Mittal, Director
b)	Mobile No.	:	98880-36622
c)	Email Id	:	inflabs@gmail.com
d)	Email ID of Env. Consultant	:	cptleia@gmail.com

4. The Deputy Commissioner, SAS Nagar.
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi.
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001.
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File.

(Kamal Kumar Garg, IAS)
Member Secretary, SEIAA
E-mail: seiaapb2017@gmail.com