सत्यमेव जयते

File No: IA-J-11011/146/2024-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division
****

Date **20/02/2026**

To,

Kunal Dave
INSECTICIDES (INDIA) LIMITED
401-402,Lusa Tower,Azadpur Commercial Complex,Delhi, NORTH, DELHI, 110033
kunal.dave@insecticidesindia.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/RJ/IND3/559829/2026 dated 05/01/2026 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC26A2001RJ5903662N
(ii) File No.	IA-J-11011/146/2024-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(b) Pesticides industry and pesticide specific intermediates (excluding formulations),5(b) Pesticides industry and pesticide specific intermediates (excluding formulations)
(vi) Sector	Industrial Projects - 3
(vii) Name of Project	Proposed project of Pesticide Technical and Pesticide Intermediates manufacturing by M/s. Insecticides (India) Limited
(viii) Name of Company/Organization	INSECTICIDES (INDIA) LIMITED
(ix) Location of Project (District, State)	ALWAR, RAJASTHAN
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. Ministry of Environment, Forest and Climate Change has examined the proposal seeking Environmental Clearance for the proposed project of Pesticide Technical and Pesticide Intermediates manufacturing **[Total capacity -12000 MTPA (Technical and Intermediates products) + 12 MTPA (R&D) Or [1000 MTPM (Technical and Intermediates products) + 1 MTPM R&D]** located at Plot No. SP-26, SP26(A), SP26(1), RIICO Industrial area, Sotanala, Taluka: Behror, District: Kotputli-Behror, Rajasthan by M/s. Insecticides (India) Limited.

4. All Pesticides industry and pesticide specific intermediates (excluding formulations) units are covered under the Category A of item 5(b) of the Schedule of Environment Impact Assessment (EIA) Notification, 2006 (amended from time to time) and hence the proposal is appraised at Central Level by Expert Appraisal Committee (EAC).

5. ToR has been issued by Ministry vide letter No. IA-J-11011/146/2024-IA-II(I), dated 17.04.2024.The project proposal was considered by the Expert Appraisal Committee (Industry-3) in its 121st meeting held on 29.01.2026 wherein the Project Proponent and the accredited Consultant namely M/s. San Envirotech Pvt. Ltd., Ahmedabad (NABET Accreditation Number: NABET/EIA/25-28/RA 0402, valid till 21.03.2028) made a detailed presentation on the salient features of the project.

6. PP reported that total land area is 57935 m^2. **Details/Status of Land Ownership/Land Possession: PP reported the following:**

S N	Plot no./ Survey no./Gat no.	Plot area (sq. m.)	Date of land allotment (if applicable)	Date of land Possession (if applicable)	Date of lease/sale deed/land transfer (if applicable)	Name on the lease/sale deed Or allotment /possession certificate
	Plot No. SP-26		14.12.1998	14.12.1998	14.12.1998	Original lease agreement of plot no. SP-26 executed between RIICO and M/s. Shyam Lal Fertilizers & Chemicals Pvt. Ltd.
	Plot No. SP-26		24.02.2006	24.02.2006	24.02.2006	Registered Sale Deed of plot no. SP-26 executed between M/s. Shyam Lal Fertilizers & Chemicals Pvt. Ltd. & M/s. R.S. Hygiene Pvt. Ltd.
	Plot No. SP-26(A)		20.07.2005	20.07.2005	22.07.2005	Original lease agreement of plot no. SP-26(A) executed between RIICO and M/s. R.S. Hygiene Pvt. Ltd.
	Plot No. SP-26(A1)		22.08.2005	22.08.2005	22.08.2005	Original lease agreement of plot no. SP-26(A1) executed between RIICO and M/s. R.S. Hygiene Pvt. Ltd.
	Plot No. SP-26, 26(A), 26 (A1), RIICO Industrial Area, Sotanala		--	--	20.07.2006	Corporation has grant permission for **merger of plot no. No. SP-26, 26(A), 26 (A1)** vide office letter dated 20.07.2006
			--	--	--	RIICO has granted the permission of **change of name of company from M/s R.S. Hygiene Pvt. Ltd. To M/s SR Foils & Tissue Ltd.** Vide office letter dated **08.12.2010**
			18.10.2022	--	18.10.2022	Plot Transferred in favour of M/s. Kalptaru Resolution Pvt. Ltd. by liquidator of M/s. SR Foils & Tissue Ltd. dated 18.10.2022
			01.08.2023	01.08.2023	01.08.2023	Registered sale deed between M/s. Kalptaru Resolution Pvt. Ltd. and M/s. Insecticide India Limited

Finally, these plots are purchased by **Insecticide India Limited** from **Kalptaru Resolution Pvt. Ltd.** dated 01.08.2023 and **RIICO allotted land transfer vide letter no. 2029-2030, dated 23/08/2023.**

7. The details of products and capacity are as under:

Sr. No.	Product details	CAS No.	Production Capacity (MTPM)	Uses
Triazole Fungicides			300	To control fungal diseases in a variety of crops, including fruits, vegetables, grains, and more
1	Amisulbrom	348635-87-0		
2	Cyproconazole	94361-06-5		
3	Difenoconazole	119446-68-3		
4	Epoxiconazole	133855-98-8		
5	Hexaconazole	79983-71-4		
6	Ipconazole	125225-28-7		
7	Myclobutanil	88671-89-0		
8	Paclobutrazol	76738-62-0		
9	Probenazole	27605-76-1		
10	Propiconazole	60207-90-1		
11	Prothioconazole	178928-70-6		
12	Tebuconazole	107534-96-3		
13	Tricyclazole	41814-78-2		
Strobilurin Fungicides				
14	Azoxystrobin	131860-33-8		
15	Kresoxim methyl	143390-89-0		
16	Pyraclostrobin	175013-18-0		
17	Trifloxystrobin	141517-21-7		
18	Picoxystrobin	117428-22-5		
Other Fungicides				
19	Benzovindiflupyr	1072957-71-1		
20	Boscalid	188425-85-6		
21	Carbendazim	10605-21-7		
22	Cymoxanil	57966-95-7		
23	Cyzofamid	120116-88-3		
24	Dimethomorph	110488-70-5		
25	Fenhexamid	126833-17-8		
26	Isoprothiolane	50512-35-1		
27	Mandipropamid	374726-62-2		
28	Metrafenone	220899-03-6		
29	Pyriofenone	688046-61-9		
30	Spiroxamine	118134-30-8		
31	Thiophenate methyle	23564-05-8		
Pyrethroid Insecticides			400	To control insects in a variety of Agriculture products
32	Allethrin	584-79-2		
33	Alpha cypermethrin	67375-30-8		
34	Bifenthrin	82657-04-3		
35	Cyfluthrin	68359-37-5		
36	Cypermethrin	52315-07-8		
37	Delta cypermethrin	52918-63-5		
38	d-transallethrin	28434-00-6		
39	Flucythrinate	70124-77-5		
40	Lambda cyhalothrin	91465-08-6		
41	Metofluthrin	240494-70-6		
42	Permethrin	52645-53-1		
43	Prallethrin	23031-36-9		
44	Transfluthrin	118712-89-3		

Sr. No.	Product details	CAS No.	Production Capacity (MTPM)	Uses
Diamide Insecticide				
45	Chlorantraniliprole	500008-45-7		
46	Cyantraniliprole	736994-63-1		
47	Cyclaniliprole	1031756-98-5		
48	Dichloro-isopropyl Chlorantraniliprole	--		
49	Flubendiamide	272451-65-7		
50	Tetrachlorantraniliprole	1104384-14-6		
51	Tetraniliprole	1229654-66-3		
Neo Nicotinoid Insecticides				
52	Acetamiprid	135410-20-7		
53	Clothianidin	210880-92-5		
54	Dinotefuran	165252-70-0		
55	Imidacloprid	138261-41-3		
56	Imidaclothiz	105843-36-5		
57	Nitenpyram	150824-47-8		
58	Thiacloprid	111988-49-9		
59	Thiamethoxam	153719-23-4		
Other Insecticides				
60	Benzpyrimoxan	1449021-97-9		
61	Buprofezin	953030-84-7		
62	Chlorpyriphos	2921-88-2		
63	Cyenopyrafen	560121-52-0		
64	Cyproflanilide	2375110-88-4		
65	Diafenthiuron	80060-09-9		
66	Emamectin benzoate	155569-91-8		
67	Ethiprole	181587-01-9		
68	Fenpyroximate	134098-61-6		
69	Flonicamid	158062-67-0		
70	Flupyrimin	1689566-03-7		
71	Isocycloseram	2061933-85-3		
72	Metalaxyl	57837-19-1		
73	Methoxyfenozide	161050-58-4		
74	Novaluron	116714-46-6		
75	Pymetrozine	123312-89-0		
76	Spiromesifen	283594-90-1		
77	Spiropidion	1229023-00-0		
78	Spirotetramat	203313-25-1		
79	Sulfoxaflor	946578-00-3		
80	Thiocyclam hydrogen oxalate	31895-22-4		
81	Thiodicarb	59669-26-0		
82	Tolfenpyrad	129558-76-5		
83	Product RD-1802	2342596-84-1		
Intermediate Products			300	As intermediate to produce Pesticide, Insecticide, fungicide etc.
84	2-(Nitroimino) Imidazolidine (NIL)	5465-96-3		
85	2-Chloro-5-(Chloromethyl) Thiazole (CCMT)	105827-91-6		
86	3-methyl-4-nitroimino perhydro 1,3,5-oxadiazine (MNIO)	153719-38-1		
87	Bifenthrin alcohol	76350-90-8		
88	Diethyl thiophosphoryl chloride	01-04-2524		

Sr. No.	Product details	CAS No.	Production Capacity (MTPM)	Uses
	(DETCl)			
89	3-Bromo-1-(3-chloro-2pyridyl) pyrazole-5-carboxylic acid	500011-86-9		
90	2-amino-5-chloro-3-methylbenzoic acid (ACMBA)	20776-67-4		
91	2-Amino-5-cyano-N,3-dimethylbenzamide	890707-29-6		
92	2-Amino-3-bromo-5-chloro-N-(1-cyclopropylethyl) Benzamide	1033407-67-8		
93	Lambda acid	91465-08-6		
94	Phenyl 4,6-dimethoxy pyrimidine-2yl-carbamate	89392-03-0		
95	2-Chloro-3-(2,2,2-Trifluoroethoxymethyl)-4-Methyl sulfonyl benzoic Acid	335104-84-2		
96	(R)-(+)-2-(4-Hydroxyphenoxy) propionic Acid	94050-90-5		
		Total	**1000**	
97	R & D Activity	--	1.0	--
		Total with R & D Activity	**1001**	--

8. PP reported that there is no violation under EIA, 2006/court case/show cause/direction related to the project under consideration.

9. It is reported that, there are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. Pond of village Jainpurwas, about 1.4 km in ESE direction. There is one Schedule-I Species found in 10 km radius namely Indian Peafowl (Pavo Cristatus). Wildlife Conservation plan vide letter dated 24.11.2025 is submitted to the Deputy Conservator of Forest, Alwar, Rajasthan with an allocated budget of Rs. 9.10 Lakhs. Approval is awaited.

10. Ambient air quality monitoring was carried out at 8 locations during December, 2023 to February, 2024 and the baseline data indicates the ranges of concentration as: PM_{10} (65.1 - 74.3 µg/m^3), $PM_{2.5}$ (34.9 - 40.0 µg/m^3), SO_2 (12.2 - 16.4 µg/m^3), NOx (16.4 - 20.3 µg/m^3). AAQ modeling study for point source emission indicated that the maximum incremental GLCs after the proposed project would be 3.095 µg/m^3, 1.030 µg/m^3, 1.999 µg/m^3 and 0.601 µg/m^3 with respect to PM_{10}, SO_2, NOx and HCl. The resultant concentrations are within the national ambient air quality standards (NAAQS).

11. Total water requirement will be 622.0 m^3/day; of which fresh water requirement of 307.0 m^3/day will be met from Ground water. The approval for extraction of water from borewell is obtained vide letter no. NOC/IND/RJ/2025/8516/N, dated 13.09.2025. The remaining water requirement of 315.0 m^3/day will be met through recycled/treated water.

12. Total effluent generation will be 374.0 KLD (354.0 KLD Industrial + 20.0 KLD Domestic). Sources of industrial effluent generation will be from process, lab, scrubber, washing and utilities. Industrial effluent streams will be segregated in concentrated process stream and dilute stream. Concentrated stream: High COD/TDS process stream (90 KLD) along with detoxified process stream (after cyanide removal) (45 KLD) (Total 135 KLD) will be treated in ETP-1 and then send to MEE + ATFD. MEE concentrate along with RO reject of dilute stream will be passed through ATFD system. MEE+ATFD condensate (218 KLD) will be further treated in ETP-3 (biological treatment) and treated effluent (215 KLD) will be reused scrubber, utilities and greenbelt. Dilute stream: Low COD/TDS process stream along with Utility w/w (219 KLD) will be treated in ETP-2 and then passed through RO. RO Permeate (107 KLD) will be reused in plant whereas RO Reject (112 KLD) will be sent to MEE+ATFD for evaporation along with w/w of concentrated stream and unit will achieve ZLD (Zero Liquid Discharge). Domestic sewage (20.0 KLD) will be treated in STP and treated sewage will be utilized for Greenbelt development.

13. Rainwater storage tank capacity (nos. x KL): 2 nos. x 100 KL

14. Power requirement of 6000 KVA will be met from Jaipur Vidyut Vitran Nigam Limited (JVVNL). Unit proposed to install DG set of 1500 kVA x 2 nos. DG Sets is used as standby during power failure. Stack (height 21 m) will be provided as per CPCB norms to the proposed DG Set.

15. Flue gas emission will be from one common stack attached with Agro Waste &Briquette fired Boilers (2 TPH × 1 no., 10 TPH x 1 no.), one stack of Agro Waste & Briquette fired Boiler (12 TPH×1 no.), common stack of Agro Waste & Briquette fired TFHs (15.0 Lakhs KCal/hr. x 2 nos.), 2 stacks of HSD fired stand by D.G. Sets (1500 kVA × 2 nos.). Multi cyclone + Bag Filter will be installed as APCM on stack of boiler. Cyclone + Bag Filter will be installed as APCM on stack of boiler. Adequate Stack Height will be provided to D.G. Set. Stack height of 30 m will be provided for stack of Boilers & TFHs and stack height of 30 m will be provided for DG Set for controlling the particulate emissions within the statutory limit of 150 mg/Nm^3 for the proposed utilities. Details of flue gas stacks are given below:

Sr. No.	Stack attached to	Fuel Type	Fuel consumption	Stack Height (m)	APC measures	Probable emission
1	Boiler-1 (10 TPH)	Agro Waste & Briquette	35 TPD	30	Multi cyclone + Bag Filter	PM<150 mg/Nm^3 SO_2<100 ppm NOx<50 ppm
2	Boiler-2 (2 TPH)	Agro Waste & Briquette	7.0 TPD		Multi cyclone + Bag Filter	
3	Boiler-3 (12 TPH)	Agro Waste & Briquette	40 TPD	30	Multi cyclone + Bag Filter	
4	Thermic Fluid Heater-1 (15.0 Lakhs KCal/hr.)	Agro Waste & Briquette	12 TPD	30	Cyclone + Bag Filter	
5	Thermic Fluid Heater-2 (15.0 Lakhs KCal/hr.)	Agro Waste & Briquette	12 TPD		Cyclone + Bag Filter	
6	DG Set (1500 kVA)	Diesel	150 liter/hr.	30	Acoustic Enclosure	
7	DG Set (1500 kVA)	Diesel	150 liter/hr.	30	Acoustic Enclosure	

16. Details of fuel:

Details of fuel consumption

Sr. No.	Type of Fuel	Usage of Fuel	Existing Quantity	Proposed Quantity
1	Agro Waste & Briquette	Boilers (2 TPH × 1 no., 10 TPH x 1 no., 12 TPH x 1 no.), TFHs (15.0 Lakhs KCal/hr. x 2 nos.)	--	106 TPD
2	HSD	D.G. Sets (1500 kVA × 2 nos.)	--	150 Lit/hr.

17. Details of Process emissions generation and its management: Process emission will be from 5 vents attached with Multi-Purpose Plant, 1 common vent of Dryers (2 nos.). The process stack will be equipped with Water + Alkali Scrubber. Dryer will be equipped with Inbuilt Bag Filter to control the particulates. Details of process gas stacks are given below.

Sr. No.	Stack attached to	Stack Height (m)	APC measures	Probable Emission
1	Multi-Purpose Plant (MPP-1)	21	Water + Alkali Scrubber	HCl<20 mg/Nm^3
2	Multi-Purpose Plant (MPP-1)	21	Water + Alkali Scrubber	HCl<20 mg/Nm^3
3	Multi-Purpose Plant (MPP-2)	21	Water + Alkali Scrubber	HCl<20 mg/Nm^3 SO_2<40 mg/Nm^3
4	Multi-Purpose Plant (MPP-2)	21	Water + Alkali Scrubber	HCl<20 mg/Nm^3 SO_2<40 mg/Nm^3

5	Multi-Purpose Plant (MPP-3)	21	Water + Alkali Scrubber	HCl<20 mg/Nm^3 SO_2<40 mg/Nm^3
6	Dryer (2 nos.)	11	Inbuilt Bag Filter	PM<40 mg/Nm^3

18. Details of Solid waste/Hazardous waste generation and its management.

Interim storage area earmarked for Hazardous waste is 945 m^2

Details Hazardous waste:

Sr. No.	Type of Haz. Waste	Source	Category of Waste as per HWM Rules, 2016	Quantity (MTPA)	Disposal facility
1.	ETP Sludge	ETP	Sch-I/35.3	2500	Collection, Storage, Transportation and disposal at approved TSDF site
2.	MEE+ATFD Salt	MEE	Sch-I/35.3	5000	Collection, Storage, Transportation and disposal at approved TSDF site
3.	Process Waste or Residues	From mfg. Process	Sch-I/29.1	3500	Collection, Storage, transportation, sent for co-processing in cement industries or common Incineration site.
4.	Date Expired and Off specification pesticides	From mfg. Process (Batch failure)	Sch-I/29.3	20.0	Collection, Storage, transportation, sent for co-processing in cement industries or common Incineration site.
5.	Spent Solvent	From mfg. Process	Sch-I/29.4	25000	Collection, Storage, disposal by selling to registered recycler
6.	Spent Acid	From mfg. Process	Sch-I/29.6	2500	Collection, Storage, Transportation & Disposal by selling to authorize end user registeredunderRule-9.
7.	Recovered Catalyst	Process	Sch-I/29.5	50	Collection, Storage, transportation, sent for co-processing in cement industries or common Incineration site.
8.	Discarded Containers/ Bags/Liners	Raw material storage	Sch-I/33.1	30000 containers and 150 MTA Bags/ liners	Collection, Storage, decontamination/detoxification, reuse OR transportation and disposal by selling to registered recyclers
9.	Used/Spent Oil	Driving unit &D.G. Set	Sch-I/5.1	35.0 KL/year	Collection, Storage, sell to Registered recyclers.
10.	Hydrogen Bromide	Process	Sch-I/29.6	325	Collection, Storage, Transportation &Disposal by selling to authorize end user registeredunderRule-9.

Details of Non-Hazardous Waste:

Sr. No.	Name of non-hazardous Waste	Source of generation	Quantity (MTPA)	Management
1.	Fly Ash	Fuel Burning	10000	Collection, storage in silo and sale to brick manufacturer or Cement industries
2.	Wet Garbage	Organic waste	10	Collection, storage, converts into compost and utilize for greenbelt.
3.	Dry Garbage	Recyclable Waste (Plastic waste, paper etc.)	7	Collection, storage, transportation and sale to authorized recyclers
4.	STP Sludge	STP	2.0	Collection, storage, use as manure for greenbelt.

19. Public Hearing is exempted as per clause 7(i) (iii) of OM No. J-11011/321/2016-IA. II(I) dated 27th April, 2018 of EIA Notification, 2006 (amended from time to time) as the project site is located within the RIICO, Sotanala Notified Industrial Area declared by Government of Rajasthan and notified vide order dated 22.10.1992.

20. Details/Status of approved Water Supply Permission: Unit has obtained NOC from CGWA for ground water abstraction vide letter no. NOC/IND/RJ/2025/8516/N, dated 13.09.2025.

21. Details/Status of approved Wildlife Conservation Plan**:** There is one Schedule-I Species found in 10 km radius namely Indian Peafowl. Conservation plan for the Schedule-I species is prepared and submitted to DCF, Alwar on 25.11.2025. Approval is awaited.

22. Details of Best Technology Adopted: PP reported that the technology proposed by the unit for the production of proposed products is one of the best proven technologies based on R&D and with maximum yield, minimum waste generation.

23. PP reported that there is no Litigation pending against the proposal.

24. Industry will develop greenbelt in an area of 33.84% i.e. 19605 m^2; out of total area of the project. The industry will plant 4900 nos. of tree saplings.

25. Total Employment will be 300 Persons. Industry proposes to allocate Rs. 166.1 Lakhs @1.5% of project cost towards Corporate Social Responsibility.

26. The estimated project cost is Rs. 110.0 Crore. Total capital cost earmarked towards environmental pollution control measures is Rs. 1982.9 Lakhs and the Recurring cost (operation and maintenance) will be about Rs. 961.4 Lakhs per annum. The breakup of capital and recurring cost is as follows:

Sr. No.	Activity	Approximate capital Cost (Rs. in Lakhs)	Approximate recurring Cost per annum (Rs. in Lakh)	Basis for cost estimates
1	Air Pollution	450	75	Capital cost will include installation of stack, air pollution control system, D.G Set, recurring cost for operation & maintenance cost
2	Water Pollution	850	510	Capital cost include Installation cost of ETP, RO, MEE+ATFD, STP and recurring cost include maintenance charges, operation cost of ETP, RO, MEE+ATFD, STP etc., manpower salary
3	Noise Control	15.0	5.0	Capital cost include providing acoustic enclosure, silencer, Anti-Vibration pads, maintenance cost, Noise PPEs
4	Solid/Hazardous Waste Management	150.0	335	Capital cost would include hazardous & solid waste storage area, membership of common TSDF/CHWIF site and recurring cost would include waste handling, transportation & disposal cost
5	Environment Monitoring	35.0	11.7	Safety audit, Third party environment monitoring, sample collection and analysis charges
6	Occupational Health	25.0	7.5	Capital cost include cost of OHC, OHS training of staff, PPE, first aid facility and recurring cost will include maintenance of equipment in OHC, Health check-up of workers

7	Fire & Safety	200.0	5.0	Capital cost include cost of firefighting system, fire water storage tank, jockey pump, Fire Extinguisher, Fire Hydrant Post, Hose Pipe, PPEs, Fire Proximity Suit, safety shower, mock drills, etc. and recurring cost would include maintenance cost
8	Green Belt Development Plan	52.7	6.2	Capital cost will include cost of trees, plantation cost, soil/manure charges and maintenance charges include manpower salary, watering of plants, replacement of any dead plant etc.
9	VOC Control & LDAR	10.0	3.0	Installation cost of LDAR system, VOC monitoring maintenance cost etc.
10	CER Fund	166.1	--	Fund allocation for CER activities will be done in Village
11	Cost of conservation plan of Schedule-I species	9.1	--	Budget for conservation of Schedule-I species
12	Rain Water Harvesting System	20.0	3.0	Rain Water Harvesting Structure
	Total	**1982.9**	**961.4**	

S. N.	Particular	Activity	Amount allocated in Rs.
1	Total Cost	Land cost, Construction cost, Installation of plant & machineries, Installation of Environmental Management System, Utility, Miscellaneous	110 Crore
2	EMP Cost	Installation of EMS (Air, Water, Haz waste storage facility, membership TSDF, CHWIF site), Env. Laboratory, Rain Water Harvesting system, Greenbelt development	19.82 Crore
3	Recurring Cost	Operational and Maintenance cost of EMS (ETP, STP, RO, MEE+ATFD, APCM & waste disposal), maintenance of rain water harvesting structure, Environmental monitoring, Health check-up of workers, PPE to workers	9.61 Crore/Annum
4	CER Cost	Redevelopment of village pond of Jainpurwas with development of greenbelt surrounding the lake for water harvesting purpose, Installation of Solar Panels (20 KW) on rooftop of Public Health Center of Mosampur (20 KW x Rs. 40000/- per KW), Maintenance cost of Solar Panel, Tree Plantation with tree guard at Internal Road of RIICO Industrial area, Sotanala. Length around @2500 mt. (1250 trees) both the side, Recurring cost, Installation of Solar Street Light of 20 W (Rs. 17000/- unit, Total 200 nos.) at Jainpurwas & Mordha Village, Recurring cost	166.1 Lakhs
5	Land	Total Cost of the Land	27 Crore
6	PH Commitment and action plan in brief	PH is exempted for the project.	--
7	Greenbelt	**Capital:** Land development, Pit digging, Plantation cost, Fertilizer **Recurring:** Manpower, Electricity, soil/ manure refill, replacement of any dead plant	Capital Cost: 52.7 Lakhs Recurring Cost: 6.2 lakhs/annum
8	Conservation Plan	Conservation plan along with budgetary provisions for conservation of Schedule-I species - Indian Peafowl	9.10 Lakhs
9	Water Approval	Water requirement of the project will be met ground water	--

		source. Unit has obtained CGWA NOC for ground water abstraction	
10	Critical issues related to the project, if any	No any critical issues related to the project	--

27. **SPCB Comments:**

As per para 6 of OM no. IA-J-11013/20/2025-IA-P dated 25th November 2025, the project is exempted from obtaining comments from SPCB/PCCs till 31.01.2026.

28. **Deliberations by the EAC:**

The following points were discussed in the meeting:

1. PP informed that the industry has increased greenbelt up to 5 mt.width in South direction of the plant and submitted revised layout plan accordingly. Total greenbelt area will be increased from 19125 m^2 to 19605m^2 which is around 33.01% to 33.8% of total project area.

Greenbeltdevelopmentwithin premises	**Area (m^2)**	**Total %**
GB-1:AtperipheryNearboundarywallof plant premises in North Side (width 8 m)	1840	3.18
GB-2:AtperipheryNearboundarywallof plant premises in South Side (width5m)	1445	2.49
GB-3:AtperipheryNearboundarywallof plant premises in East Side (width10 m)	7740	13.36
GB-4:AtperipheryNearboundarywallof plant premises in West Side (width6m)	3660	6.32
GB-5:NearQClab	4920	8.49
Total	**19605**	**33.84**

2. PP has provided area for separate parking space (215 m^2) near administrative office and hazardous waste storage. The detailed breakup is as follows:

Sr. No.	**AreaDescription**	**Area (m^2)**	**Percentage (%)**
1	Office+Lab	250	0.43
2	ManufacturingPlantarea	5850	10.1
3	RawMaterial&FinishedGoodsStorage Area	4350	7.51
4	ETP,MEE+ATFD	2150	3.71
5	Utilitiesarea	2590	4.47
6	Greenbeltarea	19605	33.84
7	Tank Farm	590	1.02
8	Haz.Wastestoragearea	945	1.63
9	InternalRoad	5500	9.49
10	Parkingarea	215	0.37
11	OpenSpace	12610	21.77
12	Miscellaneous	3280	5.66
	Total	**57935**	**100**

3. PP submitted revised water balance for both monsoon and non-monsoon seasons by incorporating segregation of cyanide containing effluent & proposal of biological treatment for MEE+ATFD condensate before recycling/reuse to reduce BOD by proposing separate ETP.

4. Accordingly, PP reduced system loss (water) and revised it to 19 KLD from 49 KLD. Resulted to increase recycle water from

315 KLD to 342 KLD. So fresh water requirement will be reduced from **307 KLD to 280 KLD**, which is also reflected in the revised water balance. PP also informed that now the fresh water requirement is below the permitted limit by CGWA i.e. 305 KLD.

5. PP submitted revised characteristics of STP treated sewage which is as follows:

Sr. No.	**Parameter**	**Unit**	**Outlet (Treated Sewage)**	**CPCB norms for reuse (Gardening/ Greenbelt)**
1	pH	--	7.5-8.0	6.5-8.5
2	TDS	mg/L	1250-1450	<2000
3	TSS	mg/L	10-15	<20
4	COD	mg/L	30-40	<50
5	BOD(5days @27^{0}C)	mg/L	<10	<10
6	Fecal coliform	MPN/100 ml	<100	Desirable: ≤100 MPN/100 ml Permissible:≤230 MPN/100ml
7	Ammonical Nitrogen	mg/L	1.0	<5

6. PP submitted the following details of solar power (450 KWh) installation inside the project plant:

Availabilityofarea:5000 m^2

Roof top Installation solar panel

General factor for calculation of electricity generation is considering 10 m^2 area of a rooftop for about 1 kWh (KiloWatt). Based on this reference unit willgenerate450KWh solar power to install solar panel in plant area.

KWhenergy=Freerooftoparea(5000m^2)x 0.9(toleftoutMarginarea)÷10=**450KWh**

7. PP submitted revised list of CER activities along with budget breakup which is as below:

Sr. No.	**Activities**	**Frequency**	**Yearwise allocation (Rs.inLakhs)**		**Total Budget (Rs. in Lakhs)**
			1st	**2nd**	
1	Redevelopment of village pond of Jainpurwas with development of greenbelt surrounding the lake for water harvesting purpose.	Onetime	40.0	20	**60.0**
2	Installation of Solar Panels (20 KW) on rooftop of Public Health Center of Mosampur (20KWxRs.40000/-per KW)	Onetime	8.0	--	**8.0**
3	Maintenance cost of Solar Panel				
	Manpower for Cleaning of Solar Panel	Upto2years	1.2	1.2	**2.4**
	Replacement/repairing etc. of Solar Panel	--	0.6	0.6	**1.2**
4	Tree Plantation with treeg uard at Internal Road of RIICO Industrial area, Sotanala. Lengtharound@2500mt. (1250trees)both the side.	Onetime	18.75	18.75	**37.5**
5	Recurring cost				
	Cost of water to be provided for tree Plantation in RIICO Industrial area,	--	1.2	1.2	**2.4**

	Sotanala				
	Manure	--	0.5	0.5	**1.0**
	ManpowerSalary	--	3.6	3.6	**7.2**
	Miscellaneous including repairing of tree guard, replacement of undeveloped tree spices etc.	--	1.2	1.2	**1.4**
6	Installation of Solar Street Light of 20 W (Rs. 17000/-unit,Total200nos.)at Jainpurwas&MordhaVillage	--	17.0	17.0	**34.0**
7	Recurringcost				
	Manpower for Cleaning of Solar Panel	Upto2years	2.4	2.4	**4.8**
	Replacement/repairingetc.of SolarPanel	--	2.6	2.6	**5.2**
				Total	**166.1**

8. PP submitted revised hierarchical structure of the Environment Management Cell (EMC) stating that the EHS head will be directly reporting to Director.

9. PP informed that the industry has proposed 945 sq. m for interim storage of Hazardous waste. This area is divided into 5 parts based on separate storage of difference Hazardous waste namely Storage of ETP sludge + MEE salt, Co-processing or co-processing incinerable waste like Process Waste or Residues, Date Expired and Off specification pesticides, Spent Acid/spent HBr, Discarded Containers/ Bags/Liners & used oil. All the wastes will be disposed off as per HAZ rule immediately after accumulation of desire stock or maximum three month. Hence proposed area for storage of Hazardous waste is adequate. Accordingly, PP submitted revised Hazardous and non-hazardous waste generation and management plan which is as given below:

Sr. No.	**Type of Haz. Waste**	**Source**	**Category of Wasteasper HWM Rules, 2016**	**Quantity (MTPA)**	**Disposal facility**
1.	ETPSludge	ETP	Sch-I/35.3	2500	Collection, Storage, Transportationanddisposalat approved TSDF site
2.	MEE+ATFD Salt	MEE	Sch-I/35.3	5000	Collection, Storage, Transportationanddisposalat approvedTSDFsite
3.	Process Waste or Residues	Frommfg. Process	Sch-I/29.1	3500	Collection, Storage, transportation, sent for co-processingincement industries orcommonIncinerationsite.
4.	DateExpiredand Off specification pesticides	Frommfg. Process (Batch failure)	Sch-I/29.3	20.0	Collection, Storage, transportation, sent for co-processingincement industries orcommonIncinerationsite.
5.	SpentSolvent	Frommfg. Process	Sch-I/29.4	25000	Collection,Storage,disposalby selling to registered recycler
6.	SpentAcid	Frommfg. Process	Sch-I/29.6	2500	Collection, Storage, Transportation & Disposal by sellingtoauthorizeend user registeredunderRule-9.
7.	Recovered Catalyst	Process	Sch-I/29.5	50	Collection, Storage, transportation, sent for co-processing in cement industriesor common Incineration site.
8.	Discarded Containers/	Raw material storage	Sch-I/33.1	30000	Collection, Storage,

	Bags/Liners			containers and 150 MTABags/ liners	decontamination/detoxification at the site, transportation and disposal by selling to registered recyclers
9.	Used/SpentOil	Drivingunit&D.G. Set	Sch-I/5.1	35.0 KL/year	Collection, Storage, sell to Registered recyclers.
10.	Hydrogen Bromide	Process	Sch-I/29.6	325	Collection, Storage, Transportation & Disposal by selling to authorize end user registered under Rule-9.

Non-hazardous waste generation & management

Sr. No.	**Nameofnon-hazardous Waste**	**Source of generation**	**Quantity (MTPA)**	**Management**
1.	FlyAsh	FuelBurning	10000	Collection, storage in silo and sale to brick manufacturer or Cement industries
2.	WetGarbage	Organicwaste	10	Collection, storage, converts into compost and utilize for greenbelt.
3.	DryGarbage	RecyclableWaste (Plastic waste, paperetc.)	7	Collection,storage,transportationandsale to authorized recyclers
4.	STPSludge	STP	2.0	Collection,storage,useasmanureforgreenbelt.

10. PP also submitted details of interim storage area earmarked for hazardous waste:

NameofHaz. waste	**Categoryas per HWM Rules, 2016**	**Typeof storage facility**	**Max. storageat a time**	**Daysofstorage**	**Total storage capacity (MT)**
ETPSludge	35.3	Coveredshed	1875MT	**Three month** generation duringrainydays	2500MT
MEE+ATFDSalt	35.3	Coveredshed			
Process Waste or Residues	29.1	Ventilated shed	175MT	Average**fifteen days**	200MT
Date Expiredand Off specification pesticides	29.3	Ventilated shed	20MT	Disposedwithin **onemonth**after generation	25MT
SpentSolvent	29.4	Closetankon ground floor	450MT	Average**one week**	600MT
SpentAcid	29.6	Closetankon ground floor	50MT	Average**one week**	75MT
Recovered Catalyst	29.5	Coveredshed	5.0MT	Average**one month**	10MT
Discarded Containers	33.1	Coveredshed	2500Nos.	Average**one month**	40000Nos.
Bags/Liners			12.5MT	Average**one month**	25MT
Used/SpentOil	5.1	Coveredshed	10.0 KL/year	Average**three month**	40.0 KL/year
Hydrogen Bromide	29.6	Closetankon ground floor	15MT	Average**Fifteen month**	30MT

11. PP also informed that the generated Fly ash will be collected and stored in closed silo, which is very close of boiler. Total 2 nos. of silos will be required with capacity of 100 MT each. After accumulation of desire quantity, fly ash will be sent to Brick manufacturer or Cement industries.

12. PP submitted revised details of flue gas emissions along with respective air pollution control measures:

Sr. No.	**Stackattached to**	**Fuel Type**	**Fuel consumption**	**Stack Height (m)**	**APC measures**	**Probable emission**

Ø FlueGasStacks						
1	Boiler-1 (10TPH)	Agro Waste & Briquette	35TPD	30	Multi cyclone+ BagFilter	PM<150mg/Nm^3 SO_2<100 ppm NOx<50 ppm
2	Boiler-2 (2 TPH)	Agro Waste& Briquette	7.0 TPD		Multi cyclone + BagFilter	
3	Boiler-3 (12TPH)	Agro Waste &Briquette	40TPD	30	Multi cyclone+ BagFilter	
4	Thermic Fluid Heater-1 (15.0 Lakhs KCal/hr.)	Agro Waste & Briquette	12TPD	30	Cyclone+ BagFilter	
5	Thermic Fluid Heater-2 (15.0 Lakhs KCal/hr.)	Agro Waste & Briquette	12TPD		Cyclone+ BagFilter	
6	DG Set (1500kVA)	Diesel	150liter/hr.	30	Acoustic Enclosure	
7	DG Set (1500kVA)	Diesel	150liter/hr.	30	Acoustic Enclosure	

13. PP submitted revised capital and recurring cost breakup:

Sr. No.	Particulars	Details	Capital Cost (Rs. in Lakhs)	Recurring Cost per annum (Rs. in Lakh)
1	Air Pollution	Capital cost will include installation of stack, air pollution control system, D.G Set, recurring cost for operation & maintenance cost	450	75
2	Water Pollution	Capital cost include Installation cost of ETP,RO, MEE+ATFD, STP and recurring cost include maintenance charges, operation cost of ETP, RO, MEE+ATFD, STP etc., manpower salary	850	510
3	Noise Control	Capital cost include providing acoustic enclosure, silencer, Anti-Vibration pads, maintenance cost, Noise PPEs	15.0	5.0
4	Solid/Hazardous Waste Management	Capital cost would include hazardous & solid waste storage area, membership of common TSDF site and recurring cost would include waste handling, transportation &disposal cost	150.0	335
5	Environment Monitoring	Safety audit, Third party environment monitoring, sample collection and analysis charges	35.0	11.7
6	Occupational Health	Capital cost include cost of OHC, OHS training of staff, PPE, first aid facility and recurring cost will include maintenance of equipment in OHC, Health check-upof workers	25.0	7.5

7	Fire & Safety	Capital cost include cost of firefighting system, fire water storage tank, jockey pump, Fire Extinguisher, Fire Hydrant Post, Hose Pipe, PPEs, Fire Proximity Suit, safety shower, mockdrills, etc. and recurring cost would include maintenance cost	200.0	5.0
8	Green Belt Development Plan	Capital cost will include cost of trees, plantation cost, soil/manure charges and maintenance charges include	52.7	6.2
		manpower salary, watering of plants, replacement of any dead plant etc.		
9	VOC Control & LDAR	Installation cost of LDAR system, VOC monitoring maintenance cost etc.	10.0	3.0
10	CER Fund	Fund allocation for CER activities will be done in Village	166.1	--
11	Cost of conservation plan of Schedule-I species	Budget for conservation of Schedule-I species	9.1	--
12	Rain Water Harvesting System	Rain Water Harvesting Structure	20.0	3.0
		Total	**1982.9**	**961.4**

The committee was satisfied with the response provided by PP on above information.

The EAC deliberated the Onsite and Offsite Emergency plans and also the various mitigation measures proposed during the implementation of the project and advised the PP to implement the provisions of the Rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, as amended from time to time.
The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for the grant of environmental clearance.
The EAC is of the view that its recommendation and grant of environmental clearance by the regulatory authority to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinatelegislations, etc., as may be applicable to the project. The PP shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

29. The EAC, after detailed deliberations, **recommended the project for the grant of environmental clearance,**

subject to the compliance of the terms and conditions as under, and general terms and conditions in Annexure 1.

30. Minutes of the meeting may kindly be seen at: https://parivesh.nic.in//utildoc/1218438954_1770209216078.pdf .

31. Based on the recommendations made by EAC in its 121st meeting held on 28-29th Jan 2026, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for " **Pesticide Technical and Pesticide Intermediates manufacturing [Total capacity -12000 MTPA (Technical and Intermediates products) + 12 MTPA (R&D) Or [1000 MTPM (Technical and Intermediates products) + 1 MTPM R&D] located at Plot No. SP-26, SP26(A), SP26(1), RIICO Industrial area, Sotanala, Taluka: Behror, District: Kotputli-Behror, Rajasthan by M/s. Insecticides (India) Limited** " under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the Specific and General terms and conditions as mentioned at Annexure-1.

32. The Ministry reserves the right to stipulate additional conditions, if found necessary. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

33. General Instructions:

(a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.

(b) 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.

(c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing 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.

(d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during perational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

(f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

(g) Any appeal against this EC 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.

This issues with the approval of the Competent Authority.

Copy To

1. Deputy Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Jaipur, A-209&218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002, Rajasthan.

2. Director cum Joint Secretary (Environment), Department of Environment and Climate Change, Room No. 8236, SSO Building. Government Secretariat Jaipur, Rajasthan - 302005.

3. The Member Secretary, Rajasthan Pollution Control Board, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur, Rajasthan - 302004.

4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 32.

5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001.

6. The District Collector, Collectorate office, Alwar district, Rajasthan 301 001

7. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

Annexure 1

Specific EC Conditions for (Pesticides Industry And Pesticide Specific Intermediates (Excluding Formulations))

1. Specific Conditions

S. No	EC Conditions
1.1	(i) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.2	(ii) Multi cyclone followed by Bag Filter along with stack height of 30 m shall be provided to the proposed biomass fired boilers (1 x 10 TPH + 1 x 2 TPH) to control particulate emissions as per CPCB /SPCB norms. Multi cyclone followed by Bag Filter along with stack height of 30 m shall be provided to the proposed biomass fired boiler (1 x 12 TPH) to control particulate emissions as per CPCB /SPCB norms. Multi cyclone followed by Bag Filter along with stack height of 30 m shall be provided to the proposed biomass fired Thermic Fluid Heater (2 x 15.0 Lakhs KCal/hr.) to control particulate emissions as per CPCB /SPCB norms. Stack height of 30m along with acoustic enclosures shall be provided to each proposed DG sets (1 x 1500 KVA + 1 x 1500 KVA) as per CPCB/SPCB norms.
1.3	(iii) Water scrubber followed by Alkali Scrubber along with adequate stack height are provided to control process emissions viz. HCl and SO_2 generated from the proposed Multi-Purpose Plant 1, 2, 3. In-built Bag filter along with adequate stack height are provided to control process emissions viz.

S. No	EC Conditions
	PM generated from the proposed dryer. The scrubbed water should be sent to ETP for further treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.
1.4	(iv) Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by SPCB. PP shall install Bromine sensor and alarm system at all the prominent places.
1.5	(v) Total fresh water requirement from ground water shall not exceed 280 m^3/day.
1.6	(vi) NOC from the CGWA shall be obtained before start of the construction of plant for drawing of the water for the proposed project activities. State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
1.7	(vii) Total industrial effluent generation shall not exceed 354 m^3/day. Effluent shall be segregated into High TDS/COD and Low TDS/COD effluent streams. PP shall also segregate cyanide effluent stream and treated in dedicated treatment unit. ORP and pH meter shall be provided in the treatment plant to ensure complete treatment. High TDS/COD effluent stream shall be passed through solvent stripper followed by MEE and ATFD. Low TDS/COD effluent stream and MEE condensate shall be treated in the ETP comprising of primary, secondary and tertiary system followed by RO. RO permeate will be reused in cooling make-up & RO rejects will be evaporated in MEE and ATFD. Treated water shall be reuse/recycle in utility. Domestic wastewater/sewage shall be treated in STP and treated sewage will be reused for horticulture purpose. Industrial unit shall maintain ZLD.
1.8	(viii) The green belt of at least 5 m-10m width shall be developed in an area of 19605 sq. m (33.84 %). A total of 4900 nos. of trees shall be planted. Tree saplings selected for the plantation should be of sufficient height, preferably 6-ft shall be planted in greenbelt area. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. The budget earmarked for the plantation shall be kept in a separate account and should be audited annually. The PP shall annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.
1.9	(ix) Plantation of saplings shall be carried out as a part of tree plantation campaign "EK PED MAA

S. No	EC Conditions
	ke NAAM" and details of the same to be uploaded in the Meri LiFE portal (https://merilife.nic.in) in respect to this Ministry's OM No. IA3-22/3/2024-IA.III(E-241594) dated 24th July 2024.
1.10	(x) Roof top rain water shall be collected in 2 x 100 KL underground RCC storage tank. The rain water collected shall be reused within the plant after filtration as per requirement. Storm water from the open area shall be collected separately and stored in an underground RCC storage tank, which shall be recycled/reused within the plant premises.
1.11	(xi) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP Rs. 1982.9 Lakhs (Capital cost) and Rs. 961.4 Lakhs per annum (Recurring cost)] shall be kept in a separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.
1.12	(xii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. For 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.
1.13	(xiii) No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.
1.14	(xiv) The project proponent shall comply with the environment norms for ‘Pesticide Industry’ as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 446 (E), dated 13.6.2011 under the provisions of the Environment (Protection) Rules, 1986.
1.15	(xv) A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions by engaging Environment Officials. In addition to this, one safety & health officer as per the qualification given in Factories Act, 1948 shall be engaged within a month of grant of EC. The PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.

S. No	EC Conditions
1.16	(xvi) All the hazardous waste shall be managed and disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Hazardous waste such as Distillation Residue and Off Specification Products shall be either sent to common incineration site or send for coprocessing. Solid waste shall be segregated into dry and wet garbage at site in accordance to the Solid Waste Management Rules, 2016. Wet garbage shall be converted into compost and used as manure for greenbelt development. Fly ash shall be stored in silos and used for filling low lying area after prior approval of SPCB or sent for brick manufacturer or co-processing in cement industries.
1.17	(xvii) The PP shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.18	(xviii) All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The PP shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996. The occupier of new as well as expansion projects shall be required to comply with the provisions of the MSHIC Rules, 1989 including notifying their activities or seeking site approval from the concerned authorities, to address operational safety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules may be referred.
1.19	(xix) The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.
1.20	(xx) The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
1.21	(xxi) The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.22	(xxii) Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.

S. No	EC Conditions
1.23	(xxiii) The unit shall make the arrangement for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
1.24	(xxiv) The PP 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 vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.
1.25	(xxv) 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.
1.26	(xxvi) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Chemicals shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.
1.27	(xxvii) PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MoEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

Standard EC Conditions for (Pesticides industry and pesticide specific intermediates (excluding formulations))

1.

S. No	EC Conditions
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be

S. No	EC Conditions
	made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
1.2	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.
1.3	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
1.4	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. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
1.5	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
1.6	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
1.7	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
1.8	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
1.9	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.
1.10	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional

S. No	EC Conditions
	Office of the Ministry.
1.11	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
1.12	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

Additional EC Conditions

N/A

Signature Not Verified

Digitally Signed by : Mr A N Singh
Member Secretary, MoEFCC (EC)

Date: 20/02/2026