

SIX MONTHLY EC COMPLIANCE REPORT

(October 2025 to March 2026)



For

M/s. Cheminova India Limited (Technical Division)
(Manufacturing of Agrochemicals & their Intermediates)
Plot No. 241, 242/2, 241/P, 242/P,
Notified GIDC Industrial Estate,
Panoli- 394 116, Dist. Bharuch, State-Gujarat, India.

Submitted to:

The Ministry of Environment, Forests & Climate Change
Scientist C, Integrated Regional Office,
Aranya Bhavan, Sector-10,
Gandhinagar – 382 010

Six Monthly EC Compliance Report

A - MONITORING REPORT - DATA SHEET

Monitoring the Implementation of Environmental Safeguards

Ministry of environment, Forests & Climate Change

Gandhinagar

PART - 1

From: 01.10.2025 to 31.03.2026

No. CIL-Tech/ EC-Datasheet/01/2026																											
1	Project Type: River-Valley / Mining/ Industry / Thermal / Nuclear / Other (Specify) : Agrochemicals & their Intermediates																										
2	Name of the Project : Expansion Of Agrochemicals & their Intermediates at Existing Unit M/s. Cheminova India Limited (Technical Division)																										
3	Clearance Letter(s)/ OM No. & Date : IA-J-11011/85/2018-IA-II(I)Date: 25 th November 2019																										
4	Location																										
	a]. District (s) : Bharuch																										
	b]. State (s) : Gujarat																										
	c]. Latitude / Longitude : 21°34'30.39" N / 72°59'50.39" E																										
5	Address for Correspondence : Plot No. 241, 242/2, 241/P 242/P Notified GIDC Industrial Estate, Panoli- 394 116, Dist. Bharuch, State-Gujarat, India.																										
	a]. Address of Concerned Project Chief Engineer with Pin code & Telephone / Telex / Fax Numbers. : Mr. Shashin A Dalal Plot No. 241, 242/2, 241/P & 242/P Notified GIDC Industrial Estate, Panoli- 394 116, Dist. Bharuch, State-Gujarat, India. Tel. 7486992966 / 02646618622																										
	b]. Address of Executive Project Engineer / Manager (with Pin code / Fax Number) : Mr. Shashin A Dalal Plot No. 241, 242/2, 241/P & 242/P Notified GIDC Industrial Estate, Panoli- 394 116, Dist. Bharuch, State-Gujarat, India. Tel. 7486992966 / 02646618622																										
6	Salient Features																										
	a]. Of the Project : As detailed below																										
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b]. Of the Environmental Management Plans			:	As follows.
Sr. No.	Activity	Status		
1	Formulation of EHS cell Constitutes EHS in charge, ETP super visor and operators, Lab chemist and assistants	EHS cell consists of EHS in charge, ETP super visor and operators, Lab chemist and assistants.		
2	For Air Environment Management <ul style="list-style-type: none"> • To monitor the ambient air quality parameters and flue gas emissions within premises and also in the nearby area regularly and to compare with the regulating standards so that any necessary corrective actions can be taken. • Work place monitoring to be carried out periodically to check fugitive emissions, if any. • To develop and maintain greenbelt, in and around the factory, for reducing the effect of air pollutants due to their deposition. • To follow proper loading and unloading practices to minimize dusting • To maintain proper record for the fuel consumption, start-up time and duration of boiler operation towards energy conservation 	<ul style="list-style-type: none"> • Company maintains its own records and monitors the ambient air and flue gas emission within premises periodically. Monitoring of ambient air & flue gas analysis is done by Siddhi Green Excellence Pvt Ltd., Ankleshwar. • Workplace monitoring is carried out periodically by Siddhi Green Excellence Pvt Ltd., Ankleshwar. • Unit has developed & maintained greenbelt area inside and outside the factory. • Unit is having closed system for loading and unloading of chemicals. • Unit is maintaining records for the fuel consumption and duration of boiler operation towards energy conservation • Green steam outsourcing – Working with a third-party steam vendor (PR- Eco Energy Ltd), government agencies, Industrial Park authorities to develop infrastructure. steam generated using agro-waste 		
3	For Water Environment Management <ul style="list-style-type: none"> • To investigate possibilities of water reuse and recycling for reducing water consumption and wastewater generation • Records of water consumption, effluent generation, effluent discharge, water characteristics, treated and untreated effluent characteristics to be maintained. • To monitor the adequacy and efficiency of ETP so that the effluent is given suitable treatment and the treated effluent meets specified norms of available CC&A of GPCB. • The effluent collection and discharge drainages, effluent handling and treatment systems to be maintained and regularly monitored to prevent leakages or sudden break-down. • Proper house-keeping to be adopted to prevent spillages and contaminated surface runoff going to storm water drains. 	<ul style="list-style-type: none"> • Reuse and recycling options are being investigated together with feasibility of rainwater harvesting • Unit is maintaining records of water consumption, effluent generation, water characteristics, treated and untreated effluent characteristics. • The adequacy and efficiency of ETP is maintained well and the Effluents are treated appropriately at all stages. • The effluent collection, handling and treatment systems are maintained and regularly monitored to prevent leakages or sudden breakdowns by preventive maintenance of all ETP units periodically. • Good housekeeping is maintained to prevent spillages and contaminated surface runoff going to storm water drains. 		
4	For Hazardous / Non-hazardous waste management			

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		<ul style="list-style-type: none"> • Proper storage and handling arrangements in compliance to the conditions of authorization granted by SPCB. • Proper signboards to be provided at relevant places. • All the necessary regulatory procedures as per the amended Hazardous Waste Management & Handling Rules – 2003 to be followed and adhered with. • The transportation of hazardous waste to the TSDF Site to be as per the guidelines and accompanied with Form-9. • Monthly records of generation, storage and disposal of hazardous waste should be maintained in a record register as per the format of Form-3 as per amended Hazardous Waste rules – 2003 and annual returns of disposal to be submitted to SPCB in prescribed form – 4 and form – 13. 	<ul style="list-style-type: none"> • Unit has dedicated storage areas for storage of all types of waste. All the conditions stipulated in Authorization is complied with. • Signboards are provided at relevant places. • Unit is following the same as per the amended Hazardous Waste Management & Handling Rules – 2016 • Unit is following guidelines for transportation of hazardous waste to TSDF & CHWIF of M/s. BEIL/ Safe Enviro /SEPPIL etc. Transporter is provided Form -9 with each consignment as per authorization. • Monthly records of generation, storage and disposal of hazardous waste are maintained in a record register as per the format of Form-3 as per amended Hazardous Waste rules and annual returns of disposal of all the hazardous waste are submitted to GPCB in prescribed forms. 																
7	Production details during compliance period and (or) during the previous financial year	:	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="2">Production Details</th> </tr> <tr> <th>Month</th> <th>Quantity (MTM)</th> </tr> </thead> <tbody> <tr> <td>October 2025</td> <td>120.227</td> </tr> <tr> <td>November 2025</td> <td>0.000</td> </tr> <tr> <td>December 2025</td> <td>0.000</td> </tr> <tr> <td>January 2026</td> <td>42.232</td> </tr> <tr> <td>February 2026</td> <td>163.683</td> </tr> <tr> <td>March 2026</td> <td>82.089</td> </tr> </tbody> </table>	Production Details		Month	Quantity (MTM)	October 2025	120.227	November 2025	0.000	December 2025	0.000	January 2026	42.232	February 2026	163.683	March 2026	82.089
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8	Break Up of the Project Area	:	Unit is located in G.I.D.C Panoli. (Notified area)																
	a]. Submergence area: forest & non-forest																		
	b]. Others																		
9	Breakup of the project affected population with enumeration of those losing houses / dwelling units, only agricultural land, dwelling units & agricultural land & landless laborers / artisan.	:	Not applicable since unit is located in G.I.D.C Panoli (Notified area)																
	a]. SC , ST / Adivasis	:	---																
	b]. Others	:	---																
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	:	---																
10	Financial Details	:																	
	a]. Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Rs. 365.92 crore (For Proposed Expansion only)																
	b]. Allocation made for environmental management plans with item wise and year wise break-up.	:	As follows																

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	Sr. No.	Particulars	Recurring Cost Per Annum [Rs. In lakh]	Capital Cost (Rs. In lakh)
	1	Air Pollution Control	200	565
	2	Water Pollution Control	1260	925
	3	Noise Pollution Control	0.5	0.5
	4	Environment Monitoring & Management	90	98
	5	Occupational Health & Safety	20	25
	6	Green Belt development & maintenance	1.5	1.5
	7	Solid waste management	5243	100
		TOTAL Planned	6815.0	1715
	c]. Benefit cost ratio / Internal rate of return and the year of assessment	:	Not applicable	
	d]. Whether (c) includes the cost of environmental management as shown in the above	:	--	
	e]. Actual expenditure incurred on the project so far	:	--	
	f]. Actual expenditure incurred on the Environmental Management Plan so far	:	--	
		:		
11	Forest land Requirement	:	Not applicable since unit is located in G.I.D.C Panoli (Notified area)	
		:		
	a]. The status of approval for diversion of forest land for non-forestry use	:	--	
	b]. The Status of clearing felling	:	--	
	c]. The status of compensatory afforestation, if any	:	--	
	d]. Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	:	--	
		:		
12	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information.	:	Not applicable since unit is located in G.I.D.C Panoli (Notified area)	
		:		
13	Status of construction	:	Construction Work is in progress	
		:		
	a]. Date of commencement (Actual and / or planned).	:	August 2022	
	b]. Date of completion (Actual and / or planned)	:	Based on the commissioning of project within Five years.	
		:		
14	Reasons for the delay if the project is yet to start	:	Not applicable	
		:		
15	Dates of site visits	:		
		:		
	a]. The dates on which the project was monitored by the MoEF&CC, Regional Office on Previous occasions, (if applicable)	:	20/08/2025 (GPCB Officers- Regional Office)	
	b]. Date of site visit for this monitoring project	:	--	
		:		
16	Details of correspondence with project authorities for obtaining action plans / information	:	--	

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	on status of compliance to safeguards other than the routine letters for logistic support for site visits		
	(The first monitoring report may contain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently.)	:	--

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Annexure 1 -Compliance report of Environmental Clearance

Compliance Report for Stipulated Conditions of Environmental Clearance																																																								
EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019																																																								
SN	Conditions	Compliance Status																																																						
2.	The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for expansion of agrochemicals and their intermediates from 3533 TPA to 15583 TPA by M/s. Cheminova India Limited (Technical Division) in an area of 40476.94 sqm located at Plot Nos. 241, 242/2,241/P, GIDC Industrial Estate, Panoli, Ankleshwar, District Bharuch (Gujarat).	As per EC, Total plot area 40476.94 sqm located at Plot Nos. 241, 242/2,241/P. Now, unit has amalgamation of plots in GIDC. After Amalgamation, Total Plot area will be 60566.94 sqm and plot nos.241P + 241-242/2, 242-P. Unit will not use additional plot for manufacturing activity and shall only use to support the main operation. (Offices, Engineering store, canteen, etc).																																																						
3	The details of products are as under: -	Complied.																																																						
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(F), CLETHODIM (H), BUTROXYDIM (H), SPIROMESIFEN (I), MESOTRIONE (H), SULCOTRIONE (H), IBP (INT.), (ISOBUTYROPHENONE), PYMETROZINE (I) etc.</td> <td style="text-align: center;">60 TPA</td> <td style="text-align: center;">---</td> <td style="text-align: center;">60 TPA</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>ETHER: - PROPARGITE TECH. (I), OXYFLUORFEN (H), ETOXAZOLE (I), EEA (INT.), (2-ETHOXY ETHYL AMINE), S-CYNO-MPB (INT.) etc.</td> <td style="text-align: center;">60 TPA</td> <td style="text-align: center;">---</td> <td style="text-align: center;">60 TPA</td> </tr> <tr> <td style="text-align: center;">6.</td> <td>ANILINE: - PENDIMETHALIN TECH. (H), METALAXYL (F), FAMOXADONE (F), TRIFLURALIN (H), FIPA-OH (INT.) etc.</td> <td style="text-align: center;">60 TPA</td> <td style="text-align: center;">---</td> <td style="text-align: center;">60 TPA</td> </tr> </tbody> </table>	S N	Name of Product*	Exis ting (TP A)	Prop osed (TPA)	Tot al (TP A)	1.	ORGANO PHOSPHATE: - ACEPHATE TECH. (I), DICHLORVOS (I), CHLORPYRIFOS (I), QUINALPHOS (I), TRIAZOPHOS (I), PHOSALONE (I), OMETHOATE (I), PROTHIOFOS (I), TEMEFOS (I), PROFENOFOS (I), ETHION (I), ETHWEPHON (PGR), GLYPHOSATE (H), etc.	800 TPA	---	800 TPA	2.	STROBILURIN: - AZOXYSTROBIN TECH. (F), DES-METHOXYAZOXY (DMA) (INT.) KRESOXIM METHYL (F), FLOUXASTROBIN (F), PYRACLOSTROBIN (F).	1200 TPA	---	120 0 TPA	3.	NEONICOTINOID/AMIDE: - IMI DACLOPRID TECH (I), THACLOPRID (I), ACETAMIPRID (I), BEFLUBUTAMIDE TECH (H), FLUBENDAMIDE (I), CHLORANTRANILIPROLE (I), RYNEXAPYR (I), CYMOXANIL (F), THIFLUZAMIDE (F), CARBOXIN (F), CAPTAN (F), PRETILACHLOR (H), PROPYZAMIDE (H), PETHOXAMIDE (H), SNA(INT.), (2-AMINOSULFONYL-N,N-DIMETHYLNICOTINAMIDE), MST(INT.), (2-METHOXYCARBONYL) THIOPHENE-3-SULFONAMIDE), FLUFENACET (H), BOSCALID (F) etc.	225 TPA	---	225 TPA	4.	KETONE: - DIMETHOMORPH TECH. 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Compliance Report for Stipulated Conditions of Environmental Clearance						
EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019						
SN	Conditions					Compliance Status
7.	ESTER/PYRETHROID: - FENOXAPROP-P-ETHYL TECH. (H), BIFENAZATE (I), QUIZALOFOP-P-ET (H), CLODINAFOP-PPG (H), ACRINATHRIN (I), BIFENTHRIN (I), CYHALOTHRIN (I), GAMMA-CYHALOTHRIN (I), LAMDA- CYHALOTHRIN (I), CYPERMETHRIN (I), AND ITS ANALOGS, DELTA-METHRIN (I), --CYFLUTHRIN (I) AND ITS ANALOGS, PERMETHRIN (I), BIOALLETHRIN (I), FENVALERATE (I), IMIPROTHRIN (I) etc.	150 TPA	--		150 TPA	
8.	CARBAMATE & THIO BASED PRODUCTS: - CARTAP.HCL TECH. (I), THIODICARB (I), THIOPHANATE-ME (F), PROPINEB (F), METIRAM (F), THIRAM (F), ISOPROTHIOLANE TECH (I), THIOCYCLAM (I), PROTHIOCARB (F), FLUTIANIL (F) etc.	100 TPA	---		100 TPA	
9.	QUATERNARY SALT AND OTHER SALTS, ACID BASED PRODUCTS: - MEPIQUAT CHLORIDE TECH. (I), CHLORMEQUAT CHLORIDE (I), OTHER SALTS: COPPER HYDROXIDE (BACTERICIDE,F), COPPER SULPHATE (ALGICIDE,F), etc., FLUPROPANATE-NA TECH (H) + HPAA (INT.)-(2-HYDROXYPHENYLACETIC ACID), BBA (INT.)-(BROMOBUTYRICACID), HPPA-INT.(2-(4-HYDROXYPHENOXY) PROPANATE), PICLORAM (H), DICAMBA (H), 2-CYANOPHENOL (INT.) etc.	68 TPA	---		68 TPA	
10	TRIAZOLS: - 2,6 DICHLOROBENZOXAZOLE (INT.), ISOXAFLUTOLE (H), FLURASULAM (H), TDA (INT.) (TRIFLUOROMETHYLTHIADIAZOLE), FLUTRIAFOL TECH (F), PROTHICONAZOLE (F), SULFENTRAZONE (H), CARFENTRAZONE-ET (H) etc.	400 TPA	---		400 TPA	
11	TRIAZOLS: - FIPRONIL TECH (I), PROPICONAZOLE (F), EPOXYCONAZOLE (F), TEBUCONAZOLE (F), DIFENOCONAZOLE (F), HEXACONAZOLE (F), TRICYCLAZOLE (F), MYCLOBUTANIL (F), FLUSILAZOLE (F), PACLOBUTRAZOLE (PGR), THIAMETHOXAM (I), CHLOROTHALONIL (F), TRIADIMEFON (F), ISOXADIFEN-ET (SF)			---		
12	HETROCYCLIC (PYRIMIDINE/PYRIDINE/TRIAZINE): - BISPYRIBAC-NA TECH. (H), PIRIMICARB (I), PYRITHIOBAC-NA (H), FLUMETSULAM (H), CYPRODINIL (F), FLORASULAM (H), PENOXsulAM (H), DCP (INT.)-(4,6-DICHLOROPYRIMIDINE), ACMP (INT.)-(2-AMINO-4-CHLORO-6-METHOXYPYRIMIDINE), IMAZETHAPYR TECH. (H), PYRIDALYL TECH (I), DIFLUFENICAN (H), CLOQUINTOCET-MEXYL(SF)	185 TPA	---		185 TPA	

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SN	Conditions				Compliance Status
13	HETROCYCLIC (PYRIMIDINE/PYRIDINE/TRIAZINE): - FLUAZINAM (F), FENPYROXIMATE TECH. (I), METRIBUZIN (H), AMITRAZ (I), CLOFENTEZINE (I), MMT (INT.)-(2-METHOXY-4-METHYL-6-METHYLAMINO-1,3,5-TRIAZINE, METOXYFENOZIDE (I), FENCHLORIM (SF), 2-HYDROXY-3,5,6-TRYCHLOROPYRIDINE & ITS SODIUM SALT (INT. OF CHLORPYRIPHOS) etc.				
14	UREA/ SULPHONYL UREA: - CHLORIMURON-ET TECH. (H), BUPROFEZIN TECH. (I), INDOXACARB (I), NOVALURON (I), LUFENURON (I), DIAFENTHIURON (I), AMICARBAZONE (H), FLUCARBAZONE (H), THIADIAZURON (PGR), HEXYTHIAZOX (I), LINURON (H), DIURON (H), TEFLUTHRIN (I), METSULFURON-METHYL (H)	225 TPA	---	225 TPA	
15	UREA/SULPHONYL UREA: - THIFENSULFURON-METHYL (H), TRIBUFURON-METHYL (H), RIMSULFURON (H), IODOSULFURON (H), DIAMURON (H), CHLORSULFURON (H), PYRAZOLESULFURON (H), PYRAZOLESULFURON-ETHYL (H) etc.				
16	4s ZETA CYPERMETHRIN	---	200	200	
17	F-2700 ZETA CYPERMETHRIN	---	1000	1000	
18	RYANXYPYR	---	3000	3000	
19	CYAZYPYR	---	1000	1000	
20	DBC80 / (3- BROMO -1-(3-CHLORO-2-PYRIDINYL)-1H-PYRAZOLE-5-CARBOXYLIC ACID)	---	1950	1950	
21	INDANAMINE	--	800	800	
22	FMC-57091 /ISOXAZOLIDINONE	---	2600	2600	
23	SULFENTRAZONE 2,4- DICHLORO/ 2,4- DICHLOROPHENYL--4-(DIFLOROMETHYL) TRIAZOLONE	---	1500	1500	
24	Total	3533	12050	15583	
4.	Existing land area is 40476.94 sqm. No additional land will be required for the proposed expansion. Industry will enhance existing greenbelt in an area of 13450 sqm covering 33% of total project area. The estimated project cost for expansion is Rs. 365.92 crores. Total capital cost earmarked towards environmental pollution				Photographs of greenbelt area are attached as below:

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	control measures is Rs 17.15 crores and the recurring cost (O&M) will be about Rs 68.15 crores per annum. Total employment will be for 200 persons directly and 500 persons indirectly after expansion.	
		

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5.	<p>There are no National parks, Wildlife sanctuaries, Biosphere, Reserves, Tiger/Elephant Reserves, and Wildlife Corridors etc. within 10 km from the project site. Ukai canal is flowing at a distance of 0.28 km in west direction.</p>	Unit is located in Panoli Notified GIDC Industrial Estate.																
6.	<p>Total water requirement is estimated to be 898 cum/day, which includes fresh water requirement of 261 cum/day, proposed to be met from GIDC supply.</p> <p>Industrial effluent of 670 cum/day will be treated through Effluent Treatment Plant having Primary, Secondary & Tertiary Treatments, MEE and RO & shall be recycled back to process. Domestic effluent will be treated through STP after expansion. There will be no discharge of treated /untreated wastewater from the unit, and thus ensuring Zero Liquid Discharge.</p> <p>Power requirement after expansion will be 3500 KVA including existing 2200 KVA and will be met from M/s Dakshin Gujarat Vij Company Limited (DGVCL). Existing unit has one DG set of 1250 KVA capacity, additionally 1 no. DG set of 1500 KVA will be used as stand by during power failure for proposed expansion.</p> <p>Existing unit has natural gas based WHRB- Captive power plant, 2 nos. of natural gas-based boilers of 10 TPH and 5 TPH capacity and one natural gas based thermic fluid heater of 10 lakh Kcal/h will be installed additionally in the proposed expansion. Water scrubbers and alkali scrubbers shall be installed for controlling emissions.</p>	<p>Total GIDC water consumption data as per existing CTO is as below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;">Month</th> <th style="width: 30%;">Quantity KL/Month</th> <th style="width: 40%;">Limit as per CC&A</th> </tr> </thead> <tbody> <tr> <td>October 2025</td> <td style="text-align: center;">1896</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">679 KL/ Day</td> </tr> <tr> <td>November 2025</td> <td style="text-align: center;">699</td> </tr> <tr> <td>December 2025</td> <td style="text-align: center;">1461</td> </tr> <tr> <td>January 2026</td> <td style="text-align: center;">2037</td> </tr> <tr> <td>February 2026</td> <td style="text-align: center;">2473</td> </tr> <tr> <td>March 2026</td> <td style="text-align: center;">2190</td> </tr> </tbody> </table> <p>All the Industrial wastewater is treated through Effluent Treatment Plant, MEE and R.O. plant and recycled to process. There is no discharge of treated /untreated wastewater outside the unit. Zero Liquid Discharge is ensured:</p>	Month	Quantity KL/Month	Limit as per CC&A	October 2025	1896	679 KL/ Day	November 2025	699	December 2025	1461	January 2026	2037	February 2026	2473	March 2026	2190
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SN	Conditions	Compliance Status			
		Month	W.W. in RO Quantity KL/Month	W.W. in STP	Limit as per CC&A
		October 2025	492	113	Industrial Wastewater is 451 KLD & Domestic Wastewater is 39.5 KLD
		November 2025	500	394	
		December 2025	0	287	
		January 2026	101	348	
		February 2026	188	336	
		March 2026	75	330	
		Fuel Consumption (Natural Gas & Diesel) of existing utilities as per CC&A is given as below:			
		Month	NG - Quantity NM3	Diesel (Liters)	
		October 2025	897	2442	
		November 2025	1377	992	
		December 2025	995	784	
		January 2026	2290	1826	
		February 2026	829	3029	
		March 2026	824	872	
		Unit has removed WHRB- Captive power plant and use stack in DG Set. Also unit has informed to the GPCB.			

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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>An Agricultural Sciences Company</p> <p><i>o/c</i></p> </div> <div style="width: 65%;"> <p>Cheminova India Limited Technical Division 241,242/2 & 241/P, GIDC Estate, Panoli - 394 116 Dist. Bharuch (Gujarat) India. cheminova.panoli@fmc.com Phone : 02646 - 618600/1/2, 618701 Mo. : +91 97252 02657 fmc.com/ag.fmc.com/in CIN NO. U24100MH1988PLC038627</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>An Agricultural Sciences Company</p> </div> <div style="width: 65%;"> <p>Cheminova India Limited Technical Division 241,242/2 & 241/P, GIDC Estate, Panoli - 394 116 Dist. Bharuch (Gujarat) India. cheminova.panoli@fmc.com Phone : 02646 - 618600/1/2, 618701 Mo. : +91 97252 02657 fmc.com / fmc.in CIN NO. U24100MH1988PLC038627</p> </div> </div>
<p>ENV/Tech /GPCB /DG/25/10/2024/01</p> <p style="text-align: right;">Date -October 25 -2024 Company ID No. 15015</p> <p>To,</p> <p>The Regional Officer, Gujarat Pollution Control Board, GIDC Estate, Ankleshwar.</p> <p style="text-align: center;">SUB: Stack of 1500 KVA D.G. Set</p> <p>Dear Sir,</p> <p>As we have decommissioned our CPP Plant, The stack of the same CPP Plant of 30 Meter Height (Sr. No. 1 as per CCA) is used and In very good condition. This is for your information that this 30 Meter stack shall be connected to 1500 KVA D.G set as given in CCA (Sr. No.4)</p> <p>This is for your information and suggestion if any.</p> <p>Thanking you,</p> <p>Yours faithfully,</p> <p>For CHEMINOVA INDIA LTD., Technical Division</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Encl. - CCA copy & copy of information for Removal of CPP Plant</p>	<p>Ref No: CIL/Tech/CPP/ /2024/19/01/01</p> <p style="text-align: right;">Date: 19th January 2024 PCB ID: 15015</p> <p>To,</p> <p>The Regional Officer Gujarat Pollution Control Board, J27P+2MH, 3rd S Rd, Ankleshwar GIDC, Ankleshwar, Gujarat 393001</p> <p>Sub: Regarding removal of Captive Power Plant from the Site.</p> <p>Respected Sir,</p> <p>With reference to above we would like to inform that we have valid consent for operation of Captive Power Plant, (CPP Plant). We are not operating the Captive Power Plant due to low efficiency. We have intimated the same to the office of the Chief Electrical Inspector, Udyog Bhavan Gandhinagar. They have granted the permission for dismantling and removal from site. Hence, we hereby inform your good office regarding the same. Kindly consider the same and oblige.</p> <p>This is for your information.</p> <p>Thanking you, Yours faithfully,</p> <div style="display: flex; justify-content: center; align-items: center;">   </div> <p>Factory Manager Cheminova India Limited. Technical Division, Plot No. 241,242/2 &241/P, G.I.D.C. Estate, Panoli.</p>
<p>Regd. Office address:- TCG Financial Center, 2nd Floor, Plot No. C 53, Block G, Bandra Kurla Complex, Bandra (E), Mumbai - 400 098.</p>	

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EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019		
SN	Conditions	Compliance Status
7.	The project/activities are covered under category A of item 5(b) 'Pesticides industry and Pesticide specific intermediates' of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.	As per granted EC Copy under category A of item 5(b) Pesticides industry and Pesticide specific intermediates of the Schedule to the Environment Impact Assessment Notification, 2006.
8.	Standard terms of reference (ToR) for the project was granted on 8 th April, 2018. Public hearing is exempted in accordance with the Ministry's OM dated 27 th April 2018, as the project site is located in the notified industrial area.	Public hearing is exempted in accordance with the Ministry's OM dated 27 th April 2018, as the project site is located in Notified GIDC Industrial Estate, Panoli- 394 116, Dist. Bharuch.
9.	The proposal for environmental clearance was considered by the EAC (Industry-2) in its meetings held on 26-28 June, 2019 and 28-29 August, 2019 in the Ministry, wherein the project proponent and their accredited consultant M/s. Siddhi Green Excellence Pvt. Ltd presented the EIA/EMP report. The Committee found the EIA/EMP complying with the terms and conditions of the ToR, and recommended the proposal for environmental clearance to the project with certain conditions.	Noted. Unit shall adhere and comply with all the given conditions.
10.	The proposal was further examined in the Ministry in accordance with the Ministry's Office Memorandum No. 22-23/2018-IA.III (pt) dated 31 st October 2019 and Ministry's communication No. Q-16017/38/2018-CPA dated 24 th October 2019 regarding compliance of Hon'ble NGT order dated 19.8.2019 (published on 23.8.2019) in OA No. 1038/2018.	Noted.
11.	Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for Expansion of agrochemicals and their intermediates from 3533 TPA to 15583 TPA by M/s. Cheminova India Limited (Technical Division) at Plot Nos. 241, 242/2, 241/P, GIDC Industrial Estate, Panoli, Ankleshwar, District Bharuch (Gujarat) , under the provisions of the EIA Notification, 2006, read with subsequent amendments therein, subject to compliance of the terms and conditions as environmental safeguards, as under:-	Noted.
	i. Consent to Establish/Operate (CTE/CTO) for the project shall be obtained from the State Pollution Control Board (SPCB) as required under the Air (Prevention and Control of Pollution) Act, 1981 and the water (Prevention and Control of Pollution) Act, 1974, and the SPCB shall follow the mechanism/protocol issued by the Ministry vide letter no. Q-16017/38/2018-CPA dated 24 th October, 2019 and forwarded by Central Pollution Control Board vide letter dated 25 th October, 2019 to the SPCB's while issuing the CTE/CTO for the project, for improvement of environmental quality in the area.	Consent to Establish has been granted by GPCB, Outward No. 15867 on dated 4 th June 2020. CTO Amendment granted by GPCB on 13 th September 2023 having AWH – 128040 with a validity upto 16 th -April-2027.
	ii. 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, shall be obtained from the State Pollution Control Board.	Unit has obtained all necessary permission as under Water (Prevention and control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act 1981 from the State Pollution Control Board.

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EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019																
SN	Conditions	Compliance Status														
	iii. Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	Unit has obtained all necessary permission under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) rules, 2016 from the GPCB.														
	iv. As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land.	Unit has obtained CC&A Amendment and Zero Liquid Discharge is ensured and no waste/treated water is discharged to any surface water body, sea and/or on land.														
	v. National Emission Standards for Pesticides Manufacturing Industry issued by the Ministry vide G.S.R.446(E) dated 13 th June, 2011, as amended from time to time, shall be followed.	Noted. National Emission Standards are complied.														
	vi. No pesticides/chemicals banned by the Ministry of agriculture and Farmers welfare, or having LD ₅₀ <100 mg/kg shall be produced. Also, no raw material/solvent prohibited by the concerned regulatory authorities from time to time, shall be used for production of pesticides.	Unit commits that no banned pesticides/chemicals by the Ministry of agriculture and Farmers welfare or having LD ₅₀ <100 mg/kg shall be produced and no prohibited raw material/solvent shall be used for production.														
	vii. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	All the pollution control devices are provided as stated in consent issued by State Pollution Control Board to comply with the gas emissions standard. The gaseous emissions are dispersed through stack of adequate height as prescribed in consent.														
	viii. Solvent management shall be carried out as follows: a. Reactor shall be connected to chilled brine condenser system. b. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. c. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. d. Solvents shall be stored in a separate space specified with all safety measures. e. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. g. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Effective systems are in place to meet solvent management plan guidelines.														
	ix. Total fresh water requirement shall not excess 261 cum/day to be met from GIDC water supply. Prior permission in this regard shall be obtained from the concerned regulatory authority.	Complied. Fresh water consumption data is as below: <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Month</th> <th style="width: 50%;">Quantity KL/Month</th> </tr> </thead> <tbody> <tr> <td>October 2025</td> <td style="text-align: center;">1896</td> </tr> <tr> <td>November 2025</td> <td style="text-align: center;">699</td> </tr> <tr> <td>December 2025</td> <td style="text-align: center;">1461</td> </tr> <tr> <td>January 2026</td> <td style="text-align: center;">2037</td> </tr> <tr> <td>February 2026</td> <td style="text-align: center;">2473</td> </tr> <tr> <td>March 2026</td> <td style="text-align: center;">2190</td> </tr> </tbody> </table>	Month	Quantity KL/Month	October 2025	1896	November 2025	699	December 2025	1461	January 2026	2037	February 2026	2473	March 2026	2190
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	x. 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.	Well-structured storm water drainage network is provided in such a way that process effluent / any wastewater is not getting mixed.
	xi. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.	All the Hazardous chemicals are stored in tanks, drums, carboys etc. Flame arresters are provided at all the tanks. Solvent transfer is done through pumps in closed loop system.
	xii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Process organic residue and spent carbon, ETP sludge, process inorganic and evaporation salt is being disposed as per CCA guidelines/conditions.
	xiii. 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, 1989.	Unit stores all the hazardous chemicals based on the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. Also, all safety measures are taken for transportation of Hazardous chemicals and guidelines of the Motor Vehicle Act, 1989 are complied.
	xiv. 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.	Unit follows all the waste minimization measures.
	xv. The green belt of at least 5-10 m width shall be developed in nearly 40% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. In addition, the project proponent shall develop greenbelt outside the plant premises also such as avenue plantation, plantation in vacant areas, social forestry etc.	The unit has developed 19873 sq. m. (~33%) of total plot area within plan premises. An Additional 7500 sq.m (12 %) area provided outside premises in GIDC which is developed and total green belt area is 45%.
	xvi. As committed, fund allocation for the Corporate Environment Responsibility (CER) shall be 5% of the total project cost. Item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	Unit will follow the given condition. Fund allocation for 2022 CER/CSR jobs for both Technical & Intermediate are as follow: <ul style="list-style-type: none"> • Providing skill training and support for women empowerment to Kharod village = 6.50 lakh = completed in June2022 • Providing skill training and support for women empowerment to Sanjali village = 6.50 lakh = completed in June2022

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		<ul style="list-style-type: none"> Providing streetlight and solar roof top to Umarwada village as sustainable solution = 25 lakh = Completed in May2022 Sponsorship of Cricket tournament trophy to Kharod village to encourage sports activities in young generation= 1.15 lakh = completed in June22 Total Fund Allocation In CER= 39.15 Lakh 																																																												
xvii.	Safety and visual reality training shall be provided to employees.	In-house-training programs are conducted on monthly basis for SOPs and safety as per annual plan. Details as below:																																																												
<p>Details of the in-House training programs as per EHS Standard are as follow.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 40%;">Standard</th> <th style="width: 50%;">Program Name</th> </tr> </thead> <tbody> <tr><td>1</td><td>Hot Work Standard</td><td>EHS Panoli Hot Work Standard</td></tr> <tr><td>2</td><td>Confined Space Entry Standard</td><td>EHS Panoli Confined Space Entry Standard</td></tr> <tr><td>3</td><td>Electrical Safety Standard</td><td>EHS Panoli Electrical Safety Standard</td></tr> <tr><td>4</td><td>Energy Isolation, Lockout/Tagout Standard</td><td>EHS Panoli Energy Isolation, Lockout/Tagout Standard</td></tr> <tr><td>5</td><td>Elevated Work Standard</td><td>EHS Panoli Elevated Work Standard</td></tr> <tr><td>6</td><td>Line Breaking & Equipment Opening Standard</td><td>EHS Panoli Line Breaking & Equipment Opening Standard</td></tr> <tr><td>7</td><td>Hazard Assessment & Mitigation Standard</td><td>EHS Panoli Hazard Assessment & Mitigation Standard</td></tr> <tr><td>8</td><td>Hose Management Standard</td><td>EHS Panoli Hose Management Standard</td></tr> <tr><td>9</td><td>Decommissioning</td><td>EHS Panoli Decommissioning</td></tr> <tr><td>10</td><td>MSDS Standard</td><td>EHS Panoli MSDS Standard</td></tr> <tr><td>11</td><td>Glassware Handling Standard</td><td>EHS Panoli Glassware Handling Standard</td></tr> <tr><td>12</td><td>Chemical Storage Standard</td><td>EHS Panoli Chemical Storage Standard</td></tr> <tr><td>13</td><td>Fume Hood Standard</td><td>EHS Panoli Fume Hood Standard</td></tr> <tr><td>14</td><td>Open Blade Standard</td><td>EHS Panoli Open Blade Standard</td></tr> <tr><td>15</td><td>Personal Protective Equipment & Glove Use program</td><td>EHS Panoli Personal Protective Equipment & Glove Use program</td></tr> <tr><td>16</td><td>Contract safety Standard</td><td>EHS Panoli Contract safety Standard</td></tr> <tr><td>17</td><td>Breathing Air Standard</td><td>EHS Panoli Breathing Air Standard</td></tr> <tr><td>18</td><td>Event Reporting standard</td><td>EHS Panoli Event Reporting standard</td></tr> <tr><td>19</td><td>Effective Injury And Illness Case Management</td><td>EHS Panoli Effective Injury And Illness Case Management</td></tr> </tbody> </table>			Sr. No.	Standard	Program Name	1	Hot Work Standard	EHS Panoli Hot Work Standard	2	Confined Space Entry Standard	EHS Panoli Confined Space Entry Standard	3	Electrical Safety Standard	EHS Panoli Electrical Safety Standard	4	Energy Isolation, Lockout/Tagout Standard	EHS Panoli Energy Isolation, Lockout/Tagout Standard	5	Elevated Work Standard	EHS Panoli Elevated Work Standard	6	Line Breaking & Equipment Opening Standard	EHS Panoli Line Breaking & Equipment Opening Standard	7	Hazard Assessment & Mitigation Standard	EHS Panoli Hazard Assessment & Mitigation Standard	8	Hose Management Standard	EHS Panoli Hose Management Standard	9	Decommissioning	EHS Panoli Decommissioning	10	MSDS Standard	EHS Panoli MSDS Standard	11	Glassware Handling Standard	EHS Panoli Glassware Handling Standard	12	Chemical Storage Standard	EHS Panoli Chemical Storage Standard	13	Fume Hood Standard	EHS Panoli Fume Hood Standard	14	Open Blade Standard	EHS Panoli Open Blade Standard	15	Personal Protective Equipment & Glove Use program	EHS Panoli Personal Protective Equipment & Glove Use program	16	Contract safety Standard	EHS Panoli Contract safety Standard	17	Breathing Air Standard	EHS Panoli Breathing Air Standard	18	Event Reporting standard	EHS Panoli Event Reporting standard	19	Effective Injury And Illness Case Management	EHS Panoli Effective Injury And Illness Case Management
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Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance

EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25th November 2019

SN	Conditions	Compliance Status
20	Ground Transportation Safety Standard	EHS Panoli Ground Transportation Safety Standard
21	PSM Standard	EHS Panoli PSM Standard
22	Emergency response plan	EHS Panoli Emergency response plan




Photographs of training:



Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance


EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25th November 2019

SN	Conditions	Compliance Status
		 
xviii.	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Presently, unit has appointed third party for carrying out regular monitoring of Flue gas analysis. Analysis reports for reference is attached below: Emissions are within specified limits. Acoustic enclosure is provided to DG set for controlling the noise pollution.
xix.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	All the arrangements are made for protection of possible fire hazard during manufacturing process and material handling; The Fire hydrant system and fire extinguisher are available in all the areas and safe practices are adopted for handling and processing of flammable materials.

Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance

EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25th November 2019

SN	Conditions	Compliance Status
	 <p>The diagram is a detailed site plan of an industrial facility. It features a central area with various buildings and structures, surrounded by green zones representing environmental buffers. Red lines indicate specific monitoring points or boundaries. A 'KEY PLAN' is included in the bottom right corner, showing the facility's location relative to a road. The FMC logo is visible in the bottom right corner of the plan.</p>	
	<p>xx. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Pre-employment and regular medical checkup of company employees as well as contract employees is done by Factory Medical Officer and records are maintained.</p>
	<p>xxi. Continuous online (24×7) 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</p>	<p>Since Natural Gas is used for boiler operations, Continuous online (24×7) monitoring system for stack emissions is not recommended. However,</p>

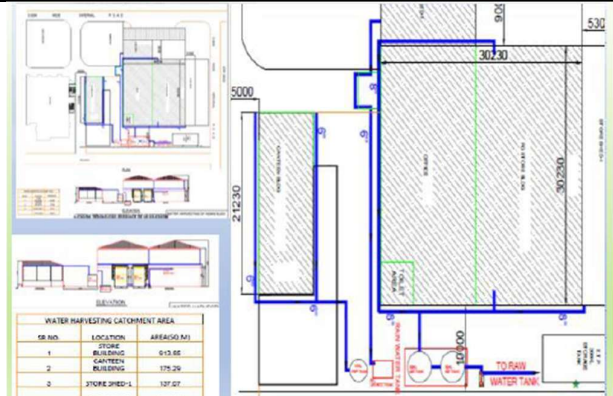
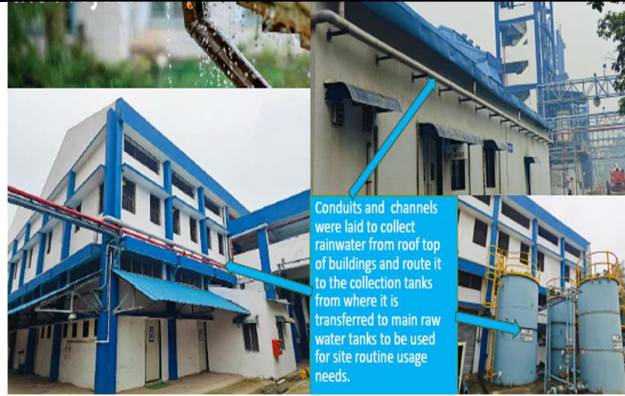
Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance		
EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019		
SN	Conditions	Compliance Status
	and SPCB server. 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.	Regular Monitoring of flue gas analysis is done by Siddhi Green Excellence Pvt. Ltd., Ankleshwar. Since unit is Zero Liquid Discharge, the online continuous monitoring of effluent, web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises are provided.
	xxii. Mitigation measures suggested during process safety and risk assessment studies shall be undertaken accordingly.	Unit carry out detailed process safety and risk assessment study in the operational phase and mitigation measures of the same are implemented.
11. 1	The grant of environmental clearance is subject to compliance of other general conditions, as under: -	
	I. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central pollution Control Board, State Government and any other statutory authority.	Noted and agreed.
	II. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Further expansion or modifications shall be done only after obtaining prior approval of the Ministry of Environment, Forest and Climate Change.
	III. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be decided in consultation with the State Pollution Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient Air quality monitoring is done by Third party recognized laboratory and locations are decided in consultation with SPCB considering the upwind and downwind directions and maximum ground level concentrations are anticipated.
	IV. The National Ambient Air Quality Emission Standards issued by the ministry vide G.S.R.No.826 (E) Dated 16 th November, 2009 shall be followed.	Unit follow The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) Dated 16 th November, 2009.
	V. 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA(night time).	Noise level measurement is carried out by GPCB recognized Schedule I Environment Auditor- Quarterly & by Third party recognized laboratory.
	VI. The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Photographs of Rainwater harvesting arrangements are as given below:


Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance

EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25th November 2019

SN	Conditions	Compliance Status																		
	  <p style="font-size: small; color: blue; background-color: white; padding: 2px;">Conduits and channels were laid to collect rainwater from roof top of buildings and route it to the collection tanks from where it is transferred to main raw water tanks to be used for site routine usage needs.</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2">Details of Roof top rain water harvesting.</th> </tr> <tr> <th>Month</th> <th>Rainwater (KL)</th> </tr> </thead> <tbody> <tr> <td>October 2025</td> <td>344</td> </tr> <tr> <td>November 2025</td> <td>187</td> </tr> <tr> <td>December 2025</td> <td>0</td> </tr> <tr> <td>January 2026</td> <td>0</td> </tr> <tr> <td>February 2026</td> <td>0</td> </tr> <tr> <td>March 2026</td> <td>0</td> </tr> <tr> <td>Total</td> <td>531</td> </tr> </tbody> </table>	Details of Roof top rain water harvesting.		Month	Rainwater (KL)	October 2025	344	November 2025	187	December 2025	0	January 2026	0	February 2026	0	March 2026	0	Total	531
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VII.	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.	Unit complies with the given condition.																		
VIII.	The company shall also 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.	Noted. Unit complies all the given conditions.																		
IX.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	Unit undertakes Corporate social activities for the betterment of surrounding villages.																		
X.	The company undertakes eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Unit carries out CER activities as per the plan mentioned in the EIA report.																		
XI.	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.	Unit commits that funds earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.																		
XII.	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.	Unit has sent copy of the clearance letter to Panchayat, Zilla Parishad/ Municipal Corporation, Urban local Body and the local NGO.																		
XIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and	Six monthly compliances of Environmental Clearance conditions including results of monitored data are uploaded on PARIVESH portal and posted on the website of the company.																		

Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25 th November 2019		
SN	Conditions	Compliance Status
	SPCB. A copy of environmental clearance and six monthly compliance status report shall be posted on the website of the company.	
XIV.	The environmental statement for each financial year ending 31 st 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 Regional Offices of MoEF&CC by e-mail.	Unit is complying with the given condition. Form-V is regularly submitted to SPCB for each financial year & copy attached as Annexure 2 .
XV.	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 at http://moef.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 Office of the Ministry.	Complied. EC advertisement in two local newspapers in the vernacular language of the locality concerned has been done. Newspaper cutouts of the same are attached below:
		
XVI.	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.	Unit will submit the relevant details time to time to the concerned authority.
12.	The ministry 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. The ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	Unit will comply with the additional conditions if stipulated by the ministry.
13.	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.	Unit will not conceal factual data and false data will not be submitted. Unit does not support such type of mal practice.

Six Monthly EC Compliance Report

Compliance Report for Stipulated Conditions of Environmental Clearance

EC Order No. IA-J-11011/85/2018-IA-II(I) Date: 25th November 2019

SN	Conditions	Compliance Status
14.	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.	Unit will keep this stipulated condition in mind.
15.	The above conditions will be enforced, <i>inter alia</i> under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Unit is complying all the conditions stipulated in EC letter regarding the construction phase and also comply the conditions regarding operational phase after obtaining CTO from board.
16.	This issue with approval of the competent authority.	Unit ensures to comply with all the stipulated conditions approved by the competent authority in EC letter.

Ref No. CIL/ TECH/Form -V/2024-25/09/04/25

ID: 15015

Date: 4Th September 2025

To

The Member Secretary

Gujarat Pollution Control Board,

Paryavaran Bhawan, Sector-10-A,

Ghandhinagar-382010

SUB: - Submission of Environment Statement (FORM-V) for the Year 2024-25

Respected Sir,

Please find enclosed the duly filled Environment Statement in Form-V for the financial year
2024-25

Please acknowledge the same.

This is for your kind perusal please

Thanking you,

Yours faithfully,



[Handwritten Signature]

Cheminova India Limited. Panoli.
Technical Division
Plot No. 241, 242/2 & 241/P
G.I.D.C. Estate, Panoli.



Enclosures: Form —V

CC To: Regional Officer, GPCB, Ankleshwar.

FORM - V
(See Rule 14)

From :
CHEMINOVA INDIA LTD.
Technical Division Plot no 241 , 242/2 & 241/P,
GIDC Panoli,Tal Ankleshwar Dist Bharuch

To:
Gujrat Pollution Control Board,
Paryavaran Bhavan, sector 10 A
Gandhinagar -382010

Environmental Statement for the financial year ending the 31st March, 2025

PART -A

- | | |
|---|--|
| i) Name & address of the Owner/Occupier of the industry, operation or process | - Mr.Manoj Khanna
CHEMINOVA INDIA LTD.
Technical Division Plot no 241 , 242/2 & 241/P,
GIDC Panoli,Tal Ankleshwar Dist Bharuch |
| ii) Industry category
Primary :- (STC Code)
Secondary:- (SIC Code) | - LSI
Not Applicable
Not Applicable |
| iii) Production capacity:- Units | - ANNEXURE-1 |
| iv) Year of establishment | - 1990 |
| v) Date of the last environmental statement submitted | - 5 Th September 2024 |

PART -B

Water & Raw Material Consumption

- | | |
|--|-------------|
| i) Water consumption - M ³ /day | - 73 m3/day |
| Process | - 12 m3/day |
| Cooling | - 19 m3/day |
| Domestic | - 42 m3/day |

Process water consumption per product output (Lit./ Kg)		
Name of products	During the previous financial year 2023-2024 (1)	During the current financial year 2024-2025 (2)
(1) Technical, Pacllo, TCP, ISOXAZOLIDINONE (F-57091 Na)	24.44	11.93

ii) Raw Material consumption

* Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the Current financial year
		2023-2024	2024-2025
1 Sodium Isopropyl Xanthate	ISOXAZOLIDINONE (F-57091 Na)	0.003 Kg/ Kg	0.003 Kg/ Kg
2 Hydroxylamine Sulfate		0.812 Kg/ Kg	0.781 Kg/ Kg
3 CPC		1.311 Kg/ Kg	1.266 Kg/ Kg
4 H2SO4		0.031 Kg/ Kg	0.020 Kg/ Kg
5 Toluene Ltr.		0.028 Kg/ Kg	0.027 Kg/ Kg
6 Sodium Hypochlorite, Sol.		1.074 Kg/ Kg	0.821 Kg/ Kg
7 Sodium Hydroxide		1.406 Kg/ Kg	1.359 Kg/ Kg

* Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw materials used.



PART-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

i) Pollutants		Quantity of pollutant discharged (mass/day) TPD (mass/day) except pH & Temp.	Concentrations of pollutants in discharges (mass/volume) mg/l except pH & Temp.	Percentage of variation from prescribed standard with reasons
a) Water		TPD	mg/L	
		Zero Discharge Unit	Zero Discharge Unit	
b) Air		TPD	mg/Nm ³	
Azoxy Plant				
		Chlorine	0.0000	0.79
		Hydrogen Chloride	0.0000	1.65
Boiler				
		SPM	0.0025	15.58 mg/nm3
		SOx	0.0038	8.31 ppm
		NOx	0.0039	11.75 ppm

PART-D

Hazardous Wastes

(As specified under Hazardous Wastes/Management & Handling Rules, 1989)

Hazardous wastes	Total Quantity (kg)	
	During the previous financial year 2023-2024	During the current financial year 2024-2025
a) From Process		
Category	Type of Waste	
	(1)Evaporation Salt	319,635
	(2) Waste Used Oil	200
	(3) Process waste (Cat-29.1)	37,710
	(4) Insulation waste	4,520
	(5) Non Recycle Plastic	1,540
	(6) Mother liquor / wastewater	938,125
b) From Pollution Control facilities	ETP Sludge	Nil
		12835

PART -E

Solid Wastes

	Total Quantity in Kgs	
	During the previous financial year 2023-2024	During the current financial year 2024-2025
a) From Process	Nil	Nil
b) From Pollution Control facilities	Nil	Nil
c) 1) Quantity recycled or re-utilized within the unit	Nil	Nil
2) Sold		
Empty barrel / Container / Liner	38075	63615
3)Disposed	Nil	Nil



PART -F

Please specify the characterizations (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

KINDLY REFER ANNEXURE-2

PART -G

Impact of the pollution control measures on conservation of natural resources and on the cost of production.

- (1) Rationalization of Raw material Consumption Norms
- (2) Increased Concentration of F57091.Na sol. from 15% to 16.5%
- (3) Using external steam source for minimizing natural gas consumption. External steam source is using biomass as a fuel.
- (4) Partially gas usages in 1500 KVA DG with high speed diesel

PART -H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- 1 Using a higher concentration of Hypo solution contributes to waste reduction
2. Waste reduction by reducing moisture content.
3. Utility rationalization -Simulation of air compressor to cater plant load in a effective manner

PART -I

Any other particulars for improving the quality of the environment.

- (1) Green power (Solar)is being purchased by third party through open access.
- (2) 4Rthon project has been implemented to conserve natural resources
- (3) World Environment DaY was celebrated on 5th June and tree plant was done inside the premises

Date: 4-Sep-25

(Signature of a person carrying out an industry, operation or process)

Name: Shashin A Datal

Designation: Factory Manager

Address:CHEMINOVA INDIA Limited,
TECHNICAL Division,
Plot no 241 , 242/2 & 241/P,
GIDC Estate, Panoli-394116.
Dist. Bharuch, Gujarat.

ANNEXURE -1

Sr No	List of Product	CCA Qty MT / Year
1	NEONICOTINOID/AMIDE: - IMI DACLOPRID TECH (I), THIACTOPRID (I), ACETAMIPRID (I), BEFLUBUTAMIDE TECH (H), FLUBENDAMIDE (I), CHLORANTRANILIPROLE (I), RYNEXAPYR (I), CYMOXANIL (F), THIFLUZAMIDE (F), CARBOXIN (F), CAPTAN (F), PRETILACHLOR (H), PROPYZAMIDE (H), PETHOXAMIDE (H), SNA(INT.)-(2-AMINOSULFONYL-N,N-DIMETHYLNICOTINAMIDE), MST(INT.)-(2-METHOXYCARBONYL)THIOPHENE-3-SULFONAMIDE), FLUFENACET (H), BOSCALID (F) etc.	225
2	KETONE: -DIMETHOMORPH TECH. (F), CLETHODIM (H), BUTROXYDIM (H), SPIROMESIFEN (I), MESOTRIONE (H), SULCOTRIONE (H), IBP (INT.)-(ISOBUTYROPHENONE), PYMETROZINE (I) etc.	60
3	ETHER: - PROPARGITE TECH. (I), OXYFLUORFEN (H), ETOXAZOLE (I), EEA (INT.)-(2-ETHOXY ETHYL AMINE), S-CYNO-MPB (INT.) etc.	60
4	ESTER/PYRETHROID: - FENOXAPROP-P-ETHYL TECH. (H), BIFENAZATE (I), QUIZALOFOP-P-ET (H), CLODINAFOP-PPG (H), ACRINATHRIN (I), BIFENTHRIN (I), CYHALOTHRIN (I), GAMMA-CYHALOTHRIN (I), LAMDA-CYHALOTHRIN (I), CYPERMETHRIN (I), AND ITS ANALOGS, DELTA-METHRIN (I), ---CYFLUTHRIN (I) AND ITS ANALOGS, PERMETHRIN (I), BIOALLETHRIN (I), FENVALERATE (I), IMIPROTHRIN (I) etc.	150
5	CARBAMATE & THIO BASED PRODUCTS: - CARTAP.HCL TECH. (I), THIODICARB (I), THIOPHANATE-ME (F), PROPINEB (F), METIRAM (F), THIRAM (F), ISOPROTHIOLANE TECH (I), THIOCYCLAM (I), PROTHIOCARB (F), FLUTIANIL (F) etc.	100
6	QUATERNARY SALT AND OTHER SALTS, ACID BASED PRODUCTS: - MEPIQUAT CHLORIDE TECH. (I), CHLORMEQUAT CHLORIDE (I), OTHER SALTS: COPPER HYDROXIDE (BACTERICIDE,F), COPPER SULPHATE (ALGICIDE,F), etc., FLUPROPANATE-NA TECH (H) + HPAА (INT.)-(2-HYDROXYPHENYLACETIC ACID), BBA (INT.)-(BROMOBUTYRICACID), HPPA-INT.(2-(4-HYDROXYPHENOXY)PROPANATE), PICLORAM (H), DICAMBA (H), 2-CYANOPHENOL (INT.) etc.	68
7	TRIAZOLS: - 2,6 DICHLOROBENZOXAZOLE (INT.), ISOXAFLUTOLE (H), FLURASULAM (H), TDA (INT.) (TRIFLUOROMETHYLTHIADIAZOLE), FLUTRIAFOL TECH (F), PROTHICONAZOLE (F), SULFENTRAZONE (H), CARFENTRAZONE-ET (H) etc. TRIAZOLS: - FIPRONIL TECH (I), PROPICONAZOLE (F), EPOXYCONAZOLE (F), TEBUCONAZOLE (F), DIFENCONAZOLE (F), HEXACONAZOLE (F), TRICYCLAZOLE (F), MYCLOBUTANIL (F), FLUSILAZOLE (F), PACLOBUTRAZOLE (PGR), THIAMETHOXAM (I), CHLOROTHALONIL (F), TRIADIMEFON (F), ISOXADIFEN-ET (SF)	400
9&10	HETROCYCLIC (PYRIMIDINE/PYRIDINE/TRIAZINE): - BISPYRIBAC-NA TECH. (H), PIRIMICARB (I), PYRITHIOBAC-NA (H), FLUMETSULAM (H), CYPRODINIL (F), FLORASULAM (H), PENOXsulAM (H), DCP (INT.)-(4,6-DICHLOROPYRIMIDINE), AСMP (INT.)-(2-AMINO-4-CHLORO-6-METHOXYPYRIMIDINE), IMAZETHAPYR TECH. (H), PYRIDALYL TECH (I), DIFLUFENICAN (H), CLOQUINTOCET-MEXYL(SF) HETROCYCLIC (PYRIMIDINE/PYRIDINE/TRIAZINE): - FLUAZINAM (F), FENPYROXIMATE TECH. (I), METRIBUZIN (H), AMITRAZ (I), CLOFENTEZINE (I), MMMT (INT.)-(2-METHOXY-4-METHYL-6-METHYLAMINO-1,3,5-TRIAZINE, METOXYFENOZIDE (I), FENCHLORIM (SF), 2-HYDROXY-3,5,6-TRYCHLOROPYRIDINE & ITS SODIUM SALT (INT. OF CHLORPYRIPHOS) etc.	185
11	Ryanxypyr	3000
12	Isoxazolidinone sodium solution	2600
13	4S Zeta Cypermethrin	150
&14	F-2700 Zeta Cypermethrin	
15	Natural gas based captive power plant (Dicommisioned)	2.04 MW/Hr
16	4S Zeta Cypermethrin	200
17	F-2700 Zeta Cypermethrin	700
18	CYAZYPYR	1000
19	DBC80 / (3- BROMO -1-(3-CHLORO-2-PYRIDINYL)-1H-PYRAZOLE-5-CARBOXYLIC ACID)	1000
20	INDANAMINE	600
21	SULFENTRAZONE 2,4- DICHLORO/ 2,4- DICHLOROPHENYL--4-(DIFLOROMETHYL) TRIAZOLONE	1000



Characterizations of Hazardous waste

ANNEXURE -2

Sr, No,	Description of waste	Physical Form	Waste Category No,	Sp, Gr,	% Solids	Chemical Composition	Method of disposal
1	Spent Solvent	Liquid	20.2	0.98	N.A.	MDC, Acetone, Toluene, Methanoletc	Collection,Disposal,Storage, Transportation, Disposal to CHWIF of (BEIL/SEPPL/ RSPL) Sale out to authorized user having Rule-9
2	Process Waste or Residue	Liquid	29.1	1.01	5 to 10	Stable Liquid waste pH - 5.5 to 8.5 Ash -2.5 to 4.5%, CV -2500 to 5000 Cal/gm	Collection,Disposal,Storage, Transportation, Disposal to CHWIF of (BEIL/SEPPL/ RSPL) Coprocess to cement industry
3	Empty Barrels/ Container / Liners contaminated wit Hazardous chemical / waste	Solid	33.1	x	N.A.	MS, HDPE, GI, Plastic, Liner	Collection,Disposal,Storage, Transportation, Disposal by selling to Decontamination facility or Disposal to TSDF / CHWIF of (BEIL/SEPPL)
4	Chemical Sludge from waste water Treatmnet ETP Sludge	Solid	35.3	x	85	CaO- 65%, SiO2-5%,water -15% Other calcium salt 15%	Collection,Disposal,Storage, Transportation, Disposal to TSDF (BEIL/SEPPL)
	Chemical Sludge from waste water Treatmnet Evaporation Salt	Solid	35.3	x	85	pH- 8 to 10, Moisture -15 %, CV-450 Cal/ gm Salt 75% Other -10 %	Collection,Disposal,Storage, Transportation, Disposal to TSDF (BEIL/SEPPL)
5	Incineration Ash	Solid	37.2	x	80	Nacl -6%, PO4- 10 %, SO4 -8%, Na2SO4-18%, Alkali as NaOH 20%	Collection,Disposal,Storage, Transportation, Disposal to TSDF (BEIL/SEPPL)
6	Used or spent Oil	Liquid	5.1	0.94	N.A.	N.A.	Collection,Disposal,Storage, Transportation, Disposal by selling to Recycler, Refiner
7	Salts of Per-Acids	Solid / Liquid	B36	x		Sodium Sulfate / Potassium Chloride / Potassium Sulfate	:Disposal by sell out to authorized users having rule 9 & authorization in valid CCA and Rule -9 after Making MOU
8	Distillation Residue	Residue	20.3	1.01	5 to 20	Stable Liquid waste pH - 5.5 to 8.5 Ash -2.5 to 4.5%, CV -2500 to 10000 Cal/gm	Collection,Disposal,Storage, Transportation, Disposal to CHWIF of (BEIL/SEPPL/ RSPL) Coprocess to cement industry
9	NaCl Solution	Liquid	.-	1.1 to 1.3	5 to 20	Stable Liquid waste pH - 5.5 to 8.5 Sodium and other Salt	Disposal at TSDF Facility at BEIL & SEPPL/ Safe Enviro
10	Scrubbing Solution (HCl30%)	Liquid	B-15	x	.-	HCl -30%	Disposal by selling out to authorized users who are having authorization with valid CCA and rule 9 permission
11	Ethanol	Liquid	.-	x	.-	Ethanol	Recover & Reuse within industrial unit OR incineration to CHWIF at BEIL/ SEPPL/ ECO waste OR Disposal by Sell out to authorized users having rule 9
12	Spent Sulphuric Acid- 50%	Liquid	B-15	x	.-	Spent Sulphuric Acid- 50%	Spent Sulphuric Acid 50% - Disposal by selling out to authorized users who are having authorization with valid CTO and rule 9 permission
13	HCl-30%	Liquid	B-15	x	.-	HCl-30%	HCl 30% - Disposal by selling out to authorized users who are having authorization with valid CTO and rule 9 permission



Characterizations of Hazardous waste

ANNEXURE -2

Sr, No,	Description of waste	Physical Form	Waste Category No,	Sp, Gr,	% Solids	Chemical Composition	Method of disposal
14	Spent Catalyst	Solid	29.5	x	-	Catalyst	Disposal to CHWIF for incineration at BEIL/ SEPPL / Sent back to supplier for regeneration
er waste							
1	Asbestos waste	Solid	15.1	x	x	Asbestos	Collection, Storage, Transportation & Disposal to common TSDF at BEIL / SEPPL/ Safe Enviro
2	Insulation waste – glass wool.	Solid	33.1	x	x	Insulation Glass wool contaminated with chemicals	Collection, Storage, Transportation & Disposal to common TSDF at BEIL / SEPPL/ Safe Enviro
3	Paint residue,	Slurry	21.1,	x	x	Paint and its residue in container	Collection, Storage, Decontamination, sale to authorize traders, Decontamination Facility / scrap dealers. /reuse Or Disposal at TSDF / CHWIF Facility at BEIL & SEPPL/ Safe Enviro
	Spent solvent	Liquid	21.2			x	
4	Contaminated cotton rags or other cleaning materials	Solid	33.2	x	x	Cotton contaminated with chemicals	Collection, Storage, Transportation & Disposal to common TSDF/ CHWIF facility at BEIL / SEPPL/ Safe Enviro
5	Non Recyclable Plastic waste (PP / FRP)	Solid	33.1	x	x	Non recyclable Plastic Bags, Pipes , Equipments etc.	Collection, Storage, Transportation & Disposal to common TSDF at BEIL / SEPPL/ Safe Enviro
6	Date Expired/off Specification Product	Solid	29.3	x	x	Off Specification products	Collection, Storage, Transportation Disposal at TSDF / CHWIF Facility at – BEIL & SEPPL/ Safe Enviro
7	Electronic waste.	Solid	33.1	x	x	Electronic waste.	Collection, Storage, Transportation & Sold to actual end user is having permission
8	Mother liquor / waste water	Liquid	-	1.15	10 to 25	Waste water with high TDS and low Cod	Sent to incinerated in common incinerator facility at BEIL or Detox SEPPL OR Send it for co-processing to cement Industries OR Send to MEE at external facility OR Send for dryer at external facility.

