

# SIX MONTHLY EC COMPLIANCE REPORT

(April 2024 to September 2024)

For



M/s. Cheminova India Limited  
(Intermediate Division)

(Manufacturing of Pesticides & Pesticide specific Intermediates)

Plot No. (27+28)/A, Notified GIDC Industrial Estate, Panoli,  
Dist. Bharuch 394 116, State-Gujarat, India.

Submitted to:

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

# SIX MONTHLY EC COMPLIANCE REPORT

## A –Six Monthly Monitoring Report - DATA SHEET

Monitoring the Implementation of Environmental Safeguards  
Ministry of environment & Forests  
Regional Office (W), Gandhinagar  
Six Monthly Monitoring Reports  
PART – 1  
From: 01.04.2024 to 30.09.2024

No. Cheminova-Int/EC-Datasheet/02-2024		
1	Project Type: River-Valley / Mining Industry / Thermal / Nuclear / other (Specify)	: Pesticides Industry and Pesticide Specific Intermediates (Excluding Formulations)
2	Name of the Project	: Expansion of Pesticide and Pesticide Specific Intermediates at Existing Unit M/s. Cheminova India Limited (Intermediate Division).
3	Clearance Letter(s)/ OM No. & Date	: IA-J-11011/53/2018-IA-II(I), Date: 31 <sup>st</sup> December 2019
4	Location	
	a). District (s)	: Bharuch
	b). State (s)	: Gujarat
	c). Latitude / Longitude	: 21°32'50.49" N/ 72°59'52.28" E
5	Address for Correspondence	: Plot No. (27+28)/A, Notified GIDC Industrial Estate, Panoli, Dist. Bharuch 394 116, State-Gujarat, India.
	a). Address of Concerned Project Chief Engineer with Pin code & Telephone / Telex / Fax Numbers.	: Mr. Anil N Shah Plot No. (27+28)/A, Notified GIDC Industrial Estate, Panoli, Dist. Bharuch 394 116, State-Gujarat, India. Tel. – 7486992967 / 02646618522
	b). Address of Executive Project Engineer / Manager (with Pin code / Fax Number)	: Mr. Anil N Shah Plot No. (27+28)/A, Notified GIDC Industrial Estate, Panoli, Dist. Bharuch 394 116, State-Gujarat, India. Tel. – 7486992967 / 02646618522
6	Salient Features	
	a). Of the Project	: As detailed below
	Components	Proposed Scenario
	EC No.	IA-J-11011/53/2018-IA-II(I)
	Environmental Clearance accorded for-	Product name attached in Annexure-1
	Total Power Requirement	3500 KVA
	Source of Power	DGVCL
	Fresh Water requirement	764 KL/day
	Source of Water Supply	GIDC water supply
	Wastewater Generation	Industrial: 833 KL/day Domestic: 45 KL/day

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Process Emissions	HCl, NH <sub>3</sub> , Cl <sub>2</sub> , SO <sub>2</sub> , NO <sub>x</sub> , H <sub>2</sub> S, CO, HC, PM, Acid Mist	
Flue Gas Emission	PM, SO <sub>2</sub> , NO <sub>x</sub>	
Fuel Type	Natural gas, HSD, Briquettes/ Bagasse/ Groundnut shell	
Fuel Requirement	Natural Gas- 10800 Nm <sup>3</sup> /h, HSD- 800.7 L/h, Briquettes/ Bagasse/Groundnut shell - 2970 kg/h	
Man power	Total: 600 (Company + Contract) employees	
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"> <li>)] 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.</li> <li>)] Work place monitoring to be carried out periodically to check fugitive emissions, if any.</li> <li>)] To develop and maintain greenbelt, in and around the factory, for reducing the effect of air pollutants due to their deposition.</li> <li>)] To follow proper loading and unloading practices to minimize dusting</li> <li>)] To maintain proper record for the fuel consumption, start-up time and duration of boiler operation towards energy conservation</li> </ul>	<ul style="list-style-type: none"> <li>)] Company maintains its own records and monitors the ambient air and flue gas emission within premises periodically. Monitoring of ambient air &amp; flue gas analysis is done by Siddhi Green Excellence Pvt Ltd., Ankleshwar.</li> <li>)] Workplace monitoring is carried out inhouse and also periodically by Siddhi Green Excellence Pvt Ltd., Ankleshwar.</li> <li>)] Unit has developed &amp; maintained greenbelt area inside and outside the factory.</li> <li>)] Unit is having closed system for loading and unloading of chemicals.</li> <li>)] Unit is maintaining records for the fuel consumption and duration of boiler operation towards energy conservation</li> </ul>
3	For Water Environment Management <ul style="list-style-type: none"> <li>)] To investigate possibilities of water reuse and recycling for reducing water consumption and wastewater generation</li> <li>)] Records of water consumption, effluent generation, effluent discharge, water characteristics, treated and untreated effluent characteristics to be maintained.</li> <li>)] 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&amp;A of GPCB.</li> <li>)] The effluent collection and discharge drainages, effluent handling and treatment systems to be maintained and regularly monitored to prevent leakages or sudden break-down.</li> <li>)] Proper house-keeping to be adopted to prevent spillages and contaminated surface runoff going to storm water drains.</li> </ul>	<ul style="list-style-type: none"> <li>)] Reuse and recycling of water is done. Roof Top rainwater harvesting facility is provided and water is collected and reused.</li> <li>)] Unit is maintaining records of water consumption, effluent generation, water characteristics, treated and untreated effluent characteristics.</li> <li>)] The adequacy and efficiency of ETP is maintained well and the effluent is treated appropriately at all the stages. The Treated effluent is further processed in R.O. Plant and MEE &amp; ATFD Plant. The R.O. Permeate is reused within premises.</li> <li>)] The effluent collection, handling and treatment systems are maintained and regularly monitored to prevent leakages or sudden break-down. The preventive maintenance of all ETP units is taken periodically.</li> <li>)] Good housekeeping is maintained to prevent spillages and contaminated surface runoff going to storm water drains.</li> </ul>

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4	<p>For Hazardous / Non-hazardous waste management</p> <ul style="list-style-type: none"> <li>✓ Proper storage and handling arrangements in compliance to the conditions of authorization granted by SPCB.</li> <li>✓ Proper signboards to be provided at relevant places.</li> <li>✓ All the necessary regulatory procedures as per the amended Hazardous Waste Management &amp; Handling Rules – 2003 to be followed and adhered with.</li> <li>✓ The transportation of hazardous waste to the TSDF Site to be as per the guidelines and accompanied with Form-9.</li> <li>✓ 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.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Unit has a dedicated storage areas for storage of all types of wastes. All the conditions stipulated in Authorization is complied.</li> <li>✓ Signboards are provided at relevant places.</li> <li>✓ Unit is following all the applicable regulatory procedures as per the amended Hazardous Waste Management &amp; Handling Rules – 2016.</li> <li>✓ Unit is following guideline for transportation of hazardous waste to TSDF &amp; CHWIF of M/s. BEIL. / Safe Enviro / SEPPIL etc. Transporter is provided Form -9 with each consignment.</li> <li>✓ 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 – 2003 and annual returns of disposal of all the hazardous waste are submitted to GPCB in prescribed forms.</li> </ul>																				
7	Production details during compliance period and (or) during the previous financial year	<table border="1" style="width: 100%; border-collapse: collapse; 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>April 2024</td> <td>240.685</td> </tr> <tr> <td>May 2024</td> <td>251.190</td> </tr> <tr> <td>June 2024</td> <td>59.960</td> </tr> <tr> <td>July 2024</td> <td>193.203</td> </tr> <tr> <td>August 2024</td> <td>152.090</td> </tr> <tr> <td>September 2024</td> <td>156.285</td> </tr> </tbody> </table>	Production Details		Month	Quantity (MTM)	April 2024	240.685	May 2024	251.190	June 2024	59.960	July 2024	193.203	August 2024	152.090	September 2024	156.285				
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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.	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. 790.36 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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	5	Occupational Health & Safety	50	12
	6	Green Belt development & maintenance	20	5.0
	7	Solid waste management	228	8290
	TOTAL Planned		2505	10200
	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		: Yes	
	e]. Actual expenditure incurred on the project so far		: 685 Lakh (For the period - April 24 to Sept. 24)	
	f]. Actual expenditure incurred on the Environmental Management Plan so far		: 1016 Lakh (Till Date)	
11	Forest land Requirement		: Notified GIDC Industrial Estate, Panoli	
	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.		: Notified GIDC Industrial Estate, Panoli	
13	Status of construction		: Construction Initiated	
	a]. Date of commencement (Actual and / or Planned).		: -	
	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		:	
15	Dates of site visits			
	a]. The dates on which the project was monitored by the Regional Office on Previous occasions, if any		: --	
	b]. Date of site visit for this monitoring project		: 08-10-2023 (Visit by GPCB)	
16	Details of correspondence with project authorities for obtaining action plans / information 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 Environment Clearance

Sr. No.	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 pesticides and pesticide specific intermediates from 19705 TPA to 47681 TPA by M/s. Cheminova India Limited (Intermediate Division) in an area of 149163.17 sq. m. located at Plot Nos. (27+28)/A, GIDC Industrial Estate, Panoli, Taluka: Ankleshwar, District Bharuch (Gujarat).	As per EC, Total plot area 149163.17 sqm located at Plot Nos. (27+28)/A. Due to GIDC authority recent survey, actual area for this plot no. 27+28/A is measured and approved after amalgamation is 140192.03 sq.m. The area of plot is to be read as 140192.03 sq.m.																																																																					
3.	<p>The details of products are as under:-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">SN</th> <th rowspan="2">Name of Product</th> <th colspan="3">Quantity (MT/Annum)</th> </tr> <tr> <th>Existing (TPA)</th> <th>Proposed (TPA)</th> <th>Total (TPA)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Phosphorous Trichloride (PCL<sub>3</sub>)/ Phosphoryl Chloride (POCL<sub>3</sub>)</td> <td style="text-align: center;">1000</td> <td style="text-align: center;">--</td> <td style="text-align: center;">1000</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Tri Methyl Phosphite(TMP) OR Tri Ethyl Phosphite(TEP)</td> <td style="text-align: center;">100</td> <td style="text-align: center;">--</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Diethyl Thio Phosphoryl Chloride (DETPC)/Sodium Salt Of Diethyl Thio Phosphoryl Chloride (Na-DETA)</td> <td style="text-align: center;">5330</td> <td style="text-align: center;">2670</td> <td style="text-align: center;">8000</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>Cyhalothrin Acid</td> <td style="text-align: center;">250</td> <td style="text-align: center;">--</td> <td style="text-align: center;">250</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>Phosphorous Penta Sulphide(P<sub>2</sub>S<sub>5</sub>)</td> <td style="text-align: center;">3400</td> <td style="text-align: center;">--</td> <td style="text-align: center;">3400</td> </tr> <tr> <td style="text-align: center;">6.</td> <td>Acid Based Products [2-Bronobutyric Acid (INT),Ethyl 2-(4-Hydroxy Phenoxy) Propinoate (O- HPPA) (INT), Thiocyclam (I), Bispyribac-Sodium (H), Methoxy Amine Hydrochloride (INT), 2-Hydroxyphenyl Acetic Acid (HPPA) (INT), Amino Acid (INT)] etc.</td> <td style="text-align: center;">150</td> <td style="text-align: center;">--</td> <td style="text-align: center;">150</td> </tr> <tr> <td style="text-align: center;">7.</td> <td>Amide Group Based Products [ Pretilachlor (H), Captan (F), Cymoxanil (F), Beflubutamide (H), Pethoxamide (H), Carboxin (F), Flubendamide (I),Chlorantraniliprole (I), Thiaflusamide (F), Zoxamide(F), Flufenacet (H), 2 Aminosulfonyl-N-N- Dimethylnicotinamide (SNA) (INT), 2-(Methoxycarbonyl) Thiophene Thiophene-3 Sulfonamide (MST) (INT)] etc.</td> <td style="text-align: center;">150</td> <td style="text-align: center;">--</td> <td style="text-align: center;">150</td> </tr> <tr> <td style="text-align: center;">8.</td> <td>Aniline Group Bases Products [Pendirnethalin(H), Fluazinam (F), Metaixyi (F), Famoxadone (F)] etc.</td> <td style="text-align: center;">1200</td> <td style="text-align: center;">--</td> <td style="text-align: center;">1200</td> </tr> <tr> <td style="text-align: center;">9.</td> <td>Azine group based products Fenpyroximate (I), Metribuzin (H), Pymetrozin (I), Arnitraz (I), Indoxacarb (I), Cofentezine</td> <td style="text-align: center;">300</td> <td style="text-align: center;">--</td> <td style="text-align: center;">300</td> </tr> </tbody> </table>	SN	Name of Product	Quantity (MT/Annum)			Existing (TPA)	Proposed (TPA)	Total (TPA)	1.	Phosphorous Trichloride (PCL <sub>3</sub> )/ Phosphoryl Chloride (POCL <sub>3</sub> )	1000	--	1000	2.	Tri Methyl Phosphite(TMP) OR Tri Ethyl Phosphite(TEP)	100	--	100	3.	Diethyl Thio Phosphoryl Chloride (DETPC)/Sodium Salt Of Diethyl Thio Phosphoryl Chloride (Na-DETA)	5330	2670	8000	4.	Cyhalothrin Acid	250	--	250	5.	Phosphorous Penta Sulphide(P <sub>2</sub> S <sub>5</sub> )	3400	--	3400	6.	Acid Based Products [2-Bronobutyric Acid (INT),Ethyl 2-(4-Hydroxy Phenoxy) Propinoate (O- HPPA) (INT), Thiocyclam (I), Bispyribac-Sodium (H), Methoxy Amine Hydrochloride (INT), 2-Hydroxyphenyl Acetic Acid (HPPA) (INT), Amino Acid (INT)] etc.	150	--	150	7.	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Production data as per existing CTO is as below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Production Details for Compliance period: April 2024 to September 2024</th> </tr> <tr> <th style="text-align: center;">Month</th> <th style="text-align: center;">Quantity (MT/Month)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">April 2024</td> <td style="text-align: center;">240.685</td> </tr> <tr> <td style="text-align: center;">May 2024</td> <td style="text-align: center;">251.190</td> </tr> <tr> <td style="text-align: center;">June 2024</td> <td style="text-align: center;">59.960</td> </tr> <tr> <td style="text-align: center;">July 2024</td> <td style="text-align: center;">193.203</td> </tr> <tr> <td style="text-align: center;">August 2024</td> <td style="text-align: center;">152.090</td> </tr> <tr> <td style="text-align: center;">September 2024</td> <td style="text-align: center;">156.285</td> </tr> </tbody> </table>	Production Details for Compliance period: April 2024 to September 2024		Month	Quantity (MT/Month)	April 2024	240.685	May 2024	251.190	June 2024	59.960	July 2024	193.203	August 2024	152.090	September 2024	156.285
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	(I), 2 Methoxy-4-Methyl-6-Methylamino-1,3,5-Triazine (MMMT) (INT) etc.			
10	Azole Group Based Products [Fipronil (I), Hexaconazole (F), Propiconazole (F), Difenoconazole (F), Tricydazole (F), Myclobutanil (F), Florasulam (H), Tebuconazole (F), Flusilazole (F), Tridemefon, Paclobutrazol (F), Thiamethoxam (I), Flutriafol (F), (Safener)soxadifen Ethyl (Int), Irnidacloprid (I), 2, 6 Dichlorobenzoxazolone(Int), Penoxasulam(H)] etc.	200	--	200
11	Carbamate Group Based Product [Thiodicarb(I), Propineb (F), Metiram (F), Thiram(F), Cartap Hydrochloride (I), Thiophanate Methyl (F)] etc.	500	--	500
12	Ester group based products [Fenoxaprop-p-Et (H),Clodinafop-Pr(H),Quizolfop-p-ethyl (H),Quinzolfop-p-terfuryl(H),Cyhalofop(H), Isoprothiolane (F),Alphamethrin(I), Lambda Cyhaothrin(I), Cypermethrin (I),Bifenazate(I), Phthalide (Int) etc.	300	--	300
13	Ether group based products [Propargite(I), oxyfluorfen(H), 2 Ethoxy Ethyl Amine (Int), S- Cyano MPB (Int) ] etc.	200	--	200
14	Ketone group based product [Mesotrione(H), Suctioned (H),Isoxanutole(H), Dimethomorph (F),Isobutyrophenone (IBP) (Int)] etc.	1200	--	1200
15	Phosphate group based product [Chlorpyrifos (I) or its intermediate Na-TCP (Int),Acephate(I),Monocrotophos(I) or its intermediates MCMMAA (Int.), Dimethoate (I),Profenofos(I), Ethephon (PGR)] etc.	5000	--	5000
16	Pyridine group based product [Pyridalyl(I),Imazethapyr(H)CloquintocctMexyl(H), Acetamiprid (I), 4, 6-DiChloro Pyridine (Int)], Azoxvstrobin(F)etc	250	--	250
17	Urea group based product [Buprofezin(I), Lufenuron (I), Linuron (H),Diafenthuron(I), Diuron (H), Novaluron (I), Chlorimuron (int),Hexythiazox(I),Spiromesifen(I),Azimsulfuron(H) ,Sulfonyl Ureas(H)] etc.	100	--	100
18	Phenol group based product [2- Cyanophenol (Int), 4-	75	---	75

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Sr. No.	Conditions				Compliance Status
	Fluro-3 trilluromethylphenole (Int)] etc.				
19	Sulfentrazone	---	2000	2000	
20	F-9600 (2-(2,4-Dichlorobenzyl)-4,4-Dimethylizoxazolidin-3one)/Bixlozone	---	4200	4200	
21	F 9990 (Fluindapyr)	---	1200	1200	
22	Malathion	---	10000	10000	
23	F-4050 (2-(4-Fluoro-3-(Trifluoromethyl)Phenoxy)-N-Benzylbutanamide	---	1500	1500	
24	Beflubutamide	---	450	450	
25	Gamma Cyhalothrin	---	300	300	
26	Bifenthrin	---	300	300	
27	Clomazone	---	2000	2000	
28	FMC-57091 (4,4-Dimethyl Isoxazolidin-3-One)/(Isoxazolidinone)	---	2600	2600	
29	Thifensulfuron Methyl	---	205	205	
30	Tribenuron Methyl	---	215	215	
31	Metsulfuron Methyl	---	200	200	
32	Ethametsulfuron Methyl	---	10	10	
33	Chlorsulfuron	---	60	60	
34	Triflusulfuron Methyl	---	50	50	
35	Azimsulfuron	--	4	4	
36	Flupyrsulfuron Methyl Sodium	---	12	12	
	Total	19705	27976	47681	
4.	Existing land area is 149163.17 sqm. No additional land will be required for the proposed expansion. Industry has developed greenbelt in an area of 49497 sqm covering 33.18% of total project area. The estimated project cost is Rs. 790.36 crores. Total capital cost earmarked towards environmental pollution control measures is Rs 25.05 crores and the recurring cost (O&M) will be about Rs 102 crores per annum. The project will provide employment for 178 persons directly and 422 persons indirectly after expansion.				Noted. The unit has developed 49471 sq. m. (~33.17%) of total plot area within plan premises. An Additional 11000 sq.m. (7.37%) area provided outside the premise (in GIDC) and total green belt area is 40%.
5.	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 flows at a distance of 1.66 km in west direction.				Noted. Unit is located within Notified GIDC Industrial Estate, Panoli.



## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status	
6.	<p>Total water requirement is estimated to be 1351 cum/day, which includes fresh water requirement of 764 cum/day, proposed to be met from GIDC supply.</p> <p>Effluent of 206 cum/day will be treated through Effluent Treatment Plant (ETP) having Primary, Secondary &amp; Tertiary Treatments, &amp; treated effluent of 181 cum/day is discharged into underground conveyance pipeline connected to Final Effluent Treatment Plant (FETP) of M/s. Narmada Clean Tech (NCT). It has been now proposed that after expansion, existing and proposed unit shall ensure zero liquid discharge and there will be no discharge of treated/untreated waste water from the unit.</p>	Total GIDC water consumption data as per existing CTO is as below:	
		Month	Quantity (KL/Month)
		April 2024	5892
		May 2024	5793
		June 2024	4002
		July 2024	2547
		August 2024	2845
		September 2024	2786
		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.	
		Total wastewater generation/ treatment in RO MEE Plant and maintain ZLD is as below:	
		Month	Quantity (KL/Month)
		April 2024	863
		May 2024	131
		June 2024	139
		July 2024	1453
		August 2024	1435
		September 2024	1901
	RO Plant	MEE Plant	

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status														
		<p>Power requirement after expansion will be 3500 KVA proposed to be met from M/s Dakshin Gujarat Vij Company Limited (DGVCL). Existing unit has one DG set of 1250 KVA. Two more DG sets of 1250 &amp; 1500 KVA will be required under proposed expansion.</p> <p>At present unit has obtained partial CTO Amendment. Hence Present power consumption is 2700 KVA. Unit shall comply with the given condition. The details of total Power consumption met by M/s Dakshin Gujarat Vij Company Limited (DGVCL as below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Month</th> <th style="width: 50%;">Power Consumption (Kwh)</th> </tr> </thead> <tbody> <tr> <td>April 2024</td> <td style="text-align: right;">606690</td> </tr> <tr> <td>May 2024</td> <td style="text-align: right;">744720</td> </tr> <tr> <td>June 2024</td> <td style="text-align: right;">608160</td> </tr> <tr> <td>July 2024</td> <td style="text-align: right;">733230</td> </tr> <tr> <td>August 2024</td> <td style="text-align: right;">667620</td> </tr> <tr> <td>September 2024</td> <td style="text-align: right;">633450</td> </tr> </tbody> </table>	Month	Power Consumption (Kwh)	April 2024	606690	May 2024	744720	June 2024	608160	July 2024	733230	August 2024	667620	September 2024	633450
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	<p>Existing unit has two natural gas-based boilers of 10 TPH capacities each and one briquettes/ bagasse/ groundnut shell-based boiler of 18 TPH capacity. Incinerator (for waste gas) and one natural gas based thermic fluid heater of 10 lakh Kcal/h will be installed in the expansion.</p>	<p>Noted and complied.</p>														
7.	<p>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.</p>	<p>Noted and complied.</p>														

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
8.	Standard terms of reference (ToR) for the project were granted on 23 <sup>rd</sup> March, 2018. Public hearing is exempted in accordance with the Ministry's OM dated 27 <sup>th</sup> April 2018, as the project site is located in the notified industrial area.	Noted.
9.	The proposal for environmental clearance was considered by the EAC (Industry-2) in its meetings held on 8-9 <sup>th</sup> April, 2019 and 26-28 June, 2019 in the Ministry, wherein the project proponent and their accredited consultant M/s. Siddhi Green Excellence Pvt. Ltd presented the EIA/EMP report complying with the terms and conditions of the ToR, and recommended the proposal for environmental clearance to the project with certain conditions.	Noted.
10.	The proposal was further examined in the Ministry in accordance with the Ministry's Office Memorandum dated 31 <sup>st</sup> October 2019 and Ministry's communication dated 24 <sup>th</sup> 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 Pesticides and Pesticide Specific Intermediates from 19705 TPA to 47681 TPA by M/s. Cheminova India Limited (Intermediate Division) at Plot No.(27+28)/A, GIDC Industrial Estate, Panoli, Taluka 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 <sup>th</sup> October, 2019 and forwarded by Central Pollution Control Board vide letter dated 25 <sup>th</sup> 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. 15866 on dated 4 <sup>th</sup> June 2020. CTO Amendment granted by GPCB on 1 <sup>st</sup> January 2024 having AWH – 129487 with a validity up to 4 <sup>th</sup> -March-2027.
	(ii) Zero Liquid Discharge shall be ensured including existing facility and the proposed expansion facility and no waste/treated water shall be discharged outside the premises.	Unit has obtained CC&A Amendment and Zero Liquid Discharge is ensured and no waste/treated water is discharged outside the premises
	(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 authorization under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) rules, 2016, from the GPCB Solid Waste Management Rules, 2016 are not applicable.

## SIX MONTHLY EC COMPLIANCE REPORT

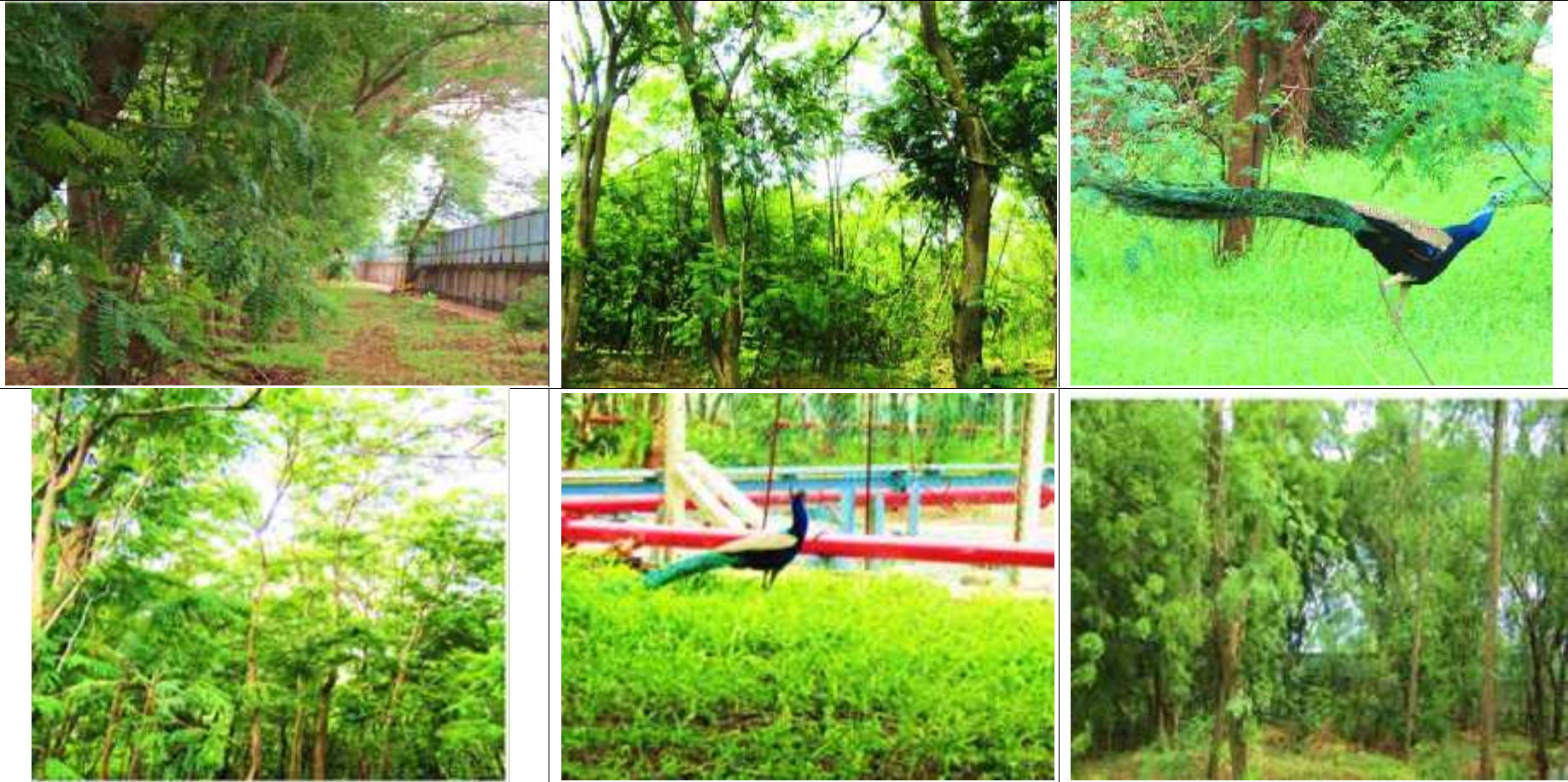
Sr. No.	Conditions	Compliance Status														
	(iv) National Emission Standards for Pesticides Manufacturing Industry issued by the Ministry vide G.S.R.446(E) dated 13 <sup>th</sup> June, 2011, as amended from time to time, shall be followed.	Noted. National Emission Standards are complied.														
	(v) No pesticides/chemicals banned by the Ministry of agriculture and Farmers welfare, or having LD <sub>50</sub> <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 pesticides/chemicals banned by the Ministry of agriculture and Farmers welfare, or having LD <sub>50</sub> <100 mg/kg shall be produced and no prohibited raw material/solvent shall be used for production.														
	(vi) To control source and the fugitive emissions (at 99.98%), 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.														
	(vii) 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.														
	(viii) Total fresh water requirement shall not exceed 764 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;"> <thead> <tr> <th style="text-align: center;">Month</th> <th style="text-align: center;">Quantity KL/Month</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">April 2024</td> <td style="text-align: center;">5892</td> </tr> <tr> <td style="text-align: center;">May 2024</td> <td style="text-align: center;">5793</td> </tr> <tr> <td style="text-align: center;">June 2024</td> <td style="text-align: center;">4002</td> </tr> <tr> <td style="text-align: center;">July 2024</td> <td style="text-align: center;">2547</td> </tr> <tr> <td style="text-align: center;">August 2024</td> <td style="text-align: center;">2845</td> </tr> <tr> <td style="text-align: center;">September 2024</td> <td style="text-align: center;">2786</td> </tr> </tbody> </table>	Month	Quantity KL/Month	April 2024	5892	May 2024	5793	June 2024	4002	July 2024	2547	August 2024	2845	September 2024	2786
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	(ix) 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.														

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
	(x) 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, tank farms, drums, carboys etc. Flame arresters are provided at all the tanks. Solvent transfer is done through pumps in closed loop system.
	(xi) 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 & evaporation salt is being disposed as per CCA guidelines/conditions.
	(xii) 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 time to time. Also all safety measures are taken for transportation of Hazardous chemicals and guidelines of the Motor Vehicle Act, 1989 are complied.
	(xiii) 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 vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	Unit follows all the waste minimization measures.
	(xiv) 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 49471 sq. m. (~33.17%) of total plot area within plan premises. An Additional 11000 sq.m. (7.37%) area provided outside the premise (in GIDC) which is in progress and total green belt area will be 40%.



SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
		
	<p>(xv) 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.</p>	<p>Unit follows the given condition.  Fund allocation for CER/CSR jobs for both Technical &amp; Intermediate are as follow:  ) Providing skill training and support for women empowerment to Kharod village rs. 6.50 lakh completed in June2022</p>

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status																																													
		) Providing skill training and support for women empowerment to Sanjali village = 6.50 lakh =completed in June2022 ) 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 younggeneration= 1.15 lakh = completed in June22  Total Fund Allocation In CER= 39.15 Lakh																																													
	(xvi) 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 yearly plan. Details are as below:																																													
	Details of the in-House training programs as per EHS Standard are as follow.																																														
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## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
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
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 trainings:



<p>(xvii) 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.</p>	<p>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.</p>
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# SIX MONTHLY EC COMPLIANCE REPORT



**Siddhi Green Excellence**  
PRIVATE LIMITED



REPORT NO.: SGC/EC/ST/ANL/2024/02 TEST REPORT Date of Issue: 11-07-2024

Issued to: **M/s. CHEMINOVA INDIA LTD. (INTERMEDIATE DIV.)**  
Address: **PLOT NO.27, 28A GIDC ESTATE,PANOLI, TA: ANKLESHWAR, DIST: BHARUCH-364116**

SR.NO.	DESCRIPTION	FLUE GAS STACK EMISSION ANALYSIS
1	Particulars of Sample	Stack No.2
2	PCB ID of Stack	8826
3	Sample ID	31305-PS-02
4	Name of Stack	D.G.SET (1250 KW)
5	Details of Air Pollution Control Measure (APCM)	Not Specified
6	Date & Time of sampling	04-07-2024 & 19:30 h
7	Date of Receipt	04-07-2024
8	Date of Analysis start	05-07-2024
9	Date of Completion	05-07-2024

Sampling Plan & Sampling Method Used : Lab Document SCLAB/01

SR.NO.	Details of Stack Monitoring Kit			
1	Make	Universal Instruments	Instrument ID	SC-STM-04
2	Model	503 220	Calibration Valid upto	01-02-2025
3	Serial No.	00274-2018		

Details of Stack		
1	Stack Height	9 m
2	Stack Diameter	400 mm
3	Temperature of Flue gas	125°C
4	Velocity of Flue gas	11.0 m/s

Details of Flue Gas		
1	Type of Fuel	HSD
2	Rate of Consumption	90 L/h

PARAMETERS ANALYSED	UNIT	TEST METHOD	PERMISSIBLE LIMIT (INSTR. 7)	RESULTS
1	Particulate Matter (PM) (E-24-00)	IS 1509 (Part 1)-1989	100	75
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 1295 (Part 2)-1985	80	29
3	Oxides of Nitrogen (NO <sub>x</sub> )	IS 1255 (Part 7)-2005	40	27
4	Carbon Monoxide	CCLAG/STP/DTX-85	-	23

Additional to deviations, or excursions from the method: None

Results from external providers, if any: None

Any other remarks: None

Abbreviations used: None

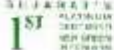
Reviewed by: *Jayal*

Notes: 1. Test results shall be referred to the tested sample(s) and any applicable permitted value.  
2. Permissible limits if mentioned in report are given by customer and included in the report upon request by customer.  
3. Complete set of instructions are available as lab's website with period of validity. Free additional parameters are analysed, their results are given as not reported.  
4. The operators and interpretations if mentioned in report are given upon request by customer and cover upon material and information supplied by customer.  
5. Retestable samples will be disposed after testing, for other samples, retention time is 15 days from the date of issue of test report, unless otherwise specified by customer to be applicable modification.  
6. Laboratory has a complete retention system. Documentation along in the test report must remain (G) to enable within 7 days of issue of test report.  
7. Test report shall not be used as evidence in the court of law and shall not be reproduced except in full, without prior written approval of Siddhi Green Excellence Pvt. Ltd.

\*\*\* End of Report \*\*\*

Form No.: SCLAB/Report-39 Issue No.: 02 Issue Date: 11-07-2024 Revision No.: 03 Revised Date: 10-07-2022 page 1 of 2

www.siddhigreen.com



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"Central Arcade - The Vertex Building" Comm. Plot No. C-303  
GIDC Estate Road, Ankleshwar - 393 002 Dist. Bharuch,  
(Gujarat State, India) Mob: 027816 254986, 254988  
E-Mail: siddhi@green.com

Date of Off.:  
"SANKARAVENKAT SHOP NO. 02 27  
40, JODHA, TA: VADVA, DIST: BHARUCH  
T.S.E: 02611 - 254041



**Siddhi Green Excellence**  
PRIVATE LIMITED

REPORT NO.: SGC/EC/ST/ANL/2024/02 TEST REPORT Date of Issue: 11-07-2024

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Sampling Plan & Sampling Method Used : Lab Document SCLAB/01

SR.NO.	Details of Stack Monitoring Kit			
1	Make	Universal Instruments	Instrument ID	SC-STM-04
2	Model	EGG 250	Calibration Valid upto	01-02-2025
3	Serial No.	03-074-2018		

Details of Stack		
1	Stack Height	9 m
2	Stack Diameter	400 mm
3	Temperature of Flue gas	125°C
4	Velocity of Flue gas	11.0 m/s

Details of Flue Gas		
1	Type of Fuel	HSD
2	Rate of Consumption	90 L/h

PARAMETERS ANALYSED	UNIT	TEST METHOD	PERMISSIBLE LIMIT (INSTR. 7)	RESULTS
1	NMHC/HC	By GC-FID	-	NDL

Additional to deviations, or excursions from the method: None

Results from external providers, if any: None

Any other remarks: None

Abbreviations used: NDL - Below Detection limit

Reviewed by: *Jayal*

Notes: 1. Test results shall be referred to the tested sample(s) and any applicable permitted value.  
2. Permissible limits if mentioned in report are given by customer and included in the report upon request by customer.  
3. Complete set of instructions if mentioned in report are given upon request by customer and based upon material and information supplied by customer.  
4. Retestable samples will be disposed after testing, for other samples, retention time is 15 days from the date of issue of test report, unless otherwise specified by customer or by applicable regulations.  
5. Laboratory has a complete retention system. Documentation along in the test report must be brought in within 7 days of issue of test report.  
6. Test report shall not be used as evidence in the court of law and shall not be reproduced except in full, without prior written approval of Siddhi Green Excellence Pvt. Ltd.

\*\*\* End of Report \*\*\*

Form No.: SCLAB/Report-39 Issue No.: 02 Issue Date: 11-07-2024 Revision No.: 03 Revised Date: 10-07-2022 page 2 of 2

www.siddhigreen.com



Regd. Office:  
"Central Arcade - The Vertex Building" Comm. Plot No. C-303  
GIDC Estate Road, Ankleshwar - 393 002 Dist. Bharuch,  
(Gujarat State, India) Mob: 027816 254986, 254988  
E-Mail: siddhi@green.com

Date of Off.:  
"SANKARAVENKAT SHOP NO. 02 27  
40, JODHA, TA: VADVA, DIST: BHARUCH  
T.S.E: 02611 - 254041

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
(xviii)	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


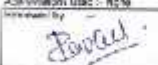


Sr. No.	Conditions	Compliance Status
	(xix) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Pre-employment and regular medical checkup of company employees as well as contract employees is done by Factory Medical Officer and records are maintained.
	(xx) 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 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.	<p>Online continuous Emission Monitoring Systems are provided for Briquette boiler which is linked with GPCB &amp; CPCB servers.</p> <p>Regular monitoring of flue gas and process emission analysis is also done by Siddhi Green Excellence Pvt. Ltd., Ankleshwar.</p> <p>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.</p>
		
	(xxi) 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.

## SIX MONTHLY EC COMPLIANCE REPORT

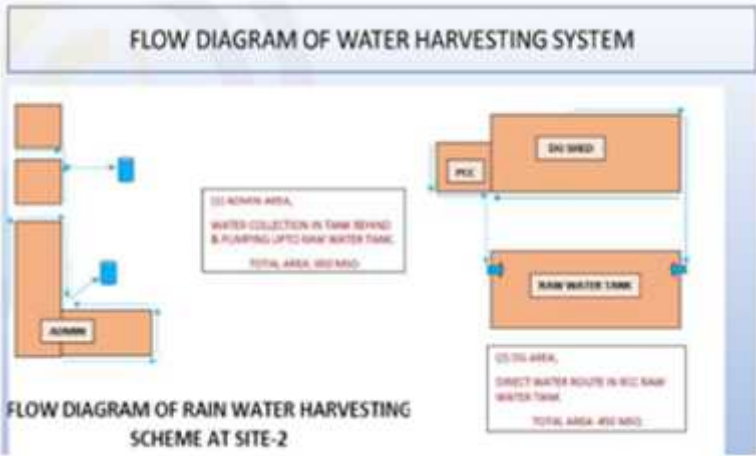

Sr. No.	Conditions	Compliance Status
11.1	The grant of environmental clearance is subjected to compliance of other general conditions as under -	
	(i) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central pollution Control Board, State Government 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.	Noted
	(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 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 <sup>th</sup> November,2009 shall be followed.	Unit follows The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) Dated 16 <sup>th</sup> 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-Monthly Reports by Third-Party recognized lab is attached for reference



# SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status																																																																																										
	 <p><b>Siddhi Green Excellence PRIVATE LIMITED</b></p> <p>TEST REPORT OF AMBIENT NOISE MEASUREMENT</p> <p>REPORT NO: SGC/EC/AM/2024/13 Date of Issue: 11/07/2024</p> <p>SUBJECT: <b>M/S. CHEMINOVA INDIA LTD. (INTERMEDIATE DIV.)</b></p> <p>Address: <b>PLOT NO.1, DDA, SEC-6 STATE PUNJEE, TA. AND. CR. WARD, DIST. BHARUCH-393116</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Site where measured</td> <td>same as above</td> <td>Sample ID</td> <td>SS01</td> </tr> <tr> <td>Date of Monitoring</td> <td>08-07-2024 (Day Time) &amp; 09-07-2024 (Night Time)</td> <td>Monitored By</td> <td>M. Parik</td> </tr> <tr> <td>Frequency weighting</td> <td>A</td> <td>Time Weighting</td> <td>FAST</td> </tr> <tr> <td>Details of instrument</td> <td colspan="3"></td> </tr> <tr> <td>Instrument ID</td> <td>SC-00306</td> <td>Model</td> <td>L1006</td> </tr> <tr> <td>Calibration Details</td> <td>Every time before use</td> <td>Model No.</td> <td>SC-4030</td> </tr> <tr> <td>Calibration Validity</td> <td>31-10-2024</td> <td>Instrument Id. No.</td> <td>00000101</td> </tr> </table> <p>Procedure: As per the instructions of instrument and as per IS: 9929 PART 1, without using during operation.</p> <p>BY: <b>Pratik Parik</b> Station</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">DAYTIME READINGS (6 AM TO 10 PM)</th> <th colspan="3">NIGHT TIME READINGS (10 PM TO 6 AM)</th> </tr> <tr> <td>Time and Duration of Monitoring</td> <td colspan="2">11:10 to 12:50 h</td> <td>Time and Duration of Monitoring</td> <td colspan="2">02:30 to 03:30 h</td> </tr> <tr> <td>Average Ambient Sound Pressure Level (dB(A))</td> <td>2.1</td> <td>Direction</td> <td>Average Ambient Sound Pressure Level (dB(A))</td> <td>1.9</td> <td>Direction</td> </tr> <tr> <td></td> <td></td> <td>SW-NE</td> <td></td> <td></td> <td>SW-NE</td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">SR.NO.</th> <th rowspan="2">LOCATION</th> <th rowspan="2">READING NO.</th> <th colspan="2">NOISE LEVEL (dB(A))</th> <th rowspan="2">NOISE LEVEL (dB(A))</th> </tr> <tr> <th>DAY TIME</th> <th>NIGHT TIME</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Near Main Gate</td> <td>NL-01</td> <td>58</td> <td>56</td> <td>55</td> </tr> <tr> <td>2</td> <td>Near ETP Area</td> <td>NL-02</td> <td>58</td> <td>56</td> <td>58</td> </tr> <tr> <td>3</td> <td>Near Boiler</td> <td>NL-03</td> <td>59</td> <td>56</td> <td>55</td> </tr> <tr> <td>4</td> <td>Near Admin Area</td> <td>NL-04</td> <td>58</td> <td>56</td> <td>55</td> </tr> <tr> <td>5</td> <td>Near D/G set</td> <td>NL-05</td> <td>58</td> <td>56</td> <td>55</td> </tr> </tbody> </table> <p>Procedure: As per the instructions of instrument and as per IS: 9929 PART 1, without using during operation.</p> <p>For Day Time in dB(A) Limit: 65 (L<sub>90</sub>) and 60 (L<sub>50</sub>) - 75</p> <p>For Night Time in dB(A) Limit: 55 (L<sub>90</sub>) and 50 (L<sub>50</sub>) - 65</p> <p>Additional observations, if any: None</p> <p>Remarks: None</p> <p>Authorised Signatory:  </p> <p>M/S. Siddhi Green Excellence Pvt. Ltd.</p> <p>Notes: 1. Test results shall be relevant to the stated conditions only and applicable as per the scope. 2. Non-compliance if indicated in report will be given by customer and included in the report upon request by customer. 3. The duration of the test shall be suitable to the site within the period of validity. If the test results are not as expected, the test results are given on next page. 4. The client's and the contractor's conditions of test are given upon request by customer and based upon the material and information supplied by customer. 5. Laboratory uses a consistent ambient system. Discrepancies if any in the test report shall be brought to notice within 7 days of issue of test report. 6. This report shall not be used as evidence in the court of law and shall not be reproduced except in full without the written approval of Siddhi Green Excellence Pvt. Ltd.</p> <p style="text-align: center;">*** End of Report *** Page 1 of 1</p> <p style="text-align: center;">Final No: SGC/AM/2024/06 Issue No: 13 Issue Date: 01/07/2024 Report No: 06 Station/Date: 11-07-2024</p> <p style="text-align: center;">www.siddhigreen.com</p> <p>ST:  <b>Siddhi Green Excellence Pvt. Ltd.</b>      Regd. Office: "Siddhi Green - The World's Simplest" Center, Plot No. 1-30, GDC Sector 10, Anandnagar - 371002, Dist. Jaipur, (Rajasthan), India. Tel: 0249-224326, 228826. E-mail: info@sgel.com</p> <p>Delhi Office: "Siddhi Green - The World's Simplest" Center, Plot No. 1-30, GDC Sector 10, Anandnagar - 371002, Dist. Jaipur, (Rajasthan), India. Tel: 0249-224326, 228826. E-mail: info@sgel.com</p>	Site where measured	same as above	Sample ID	SS01	Date of Monitoring	08-07-2024 (Day Time) & 09-07-2024 (Night Time)	Monitored By	M. 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## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status																		
	<p>(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.</p>	<p>The rain water harvesting work as a roof rain water harvest program inside premises @ 1100 sq. m. roof of office building and DG-PCC building is selected for this project. More than 900 KL water can be gained from rain fall every year which will reduce our demand of the raw water from the GIDC and also will save our valuable water resource. Copy of the flow diagram of water harvesting system is attached. Unit is in talks with GIDC regarding off-site rainwater harvesting and planning for the same.</p>																		
		 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">Details of Roof top rainwater harvesting.</th> </tr> <tr> <th style="text-align: center;">Month</th> <th style="text-align: center;">Rainwater (KL)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">April 2024</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">May 2024</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">June 2024</td> <td style="text-align: center;">92</td> </tr> <tr> <td style="text-align: center;">July 2024</td> <td style="text-align: center;">507</td> </tr> <tr> <td style="text-align: center;">August 2024</td> <td style="text-align: center;">286</td> </tr> <tr> <td style="text-align: center;">September 2024</td> <td style="text-align: center;">242</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">1127</td> </tr> </tbody> </table>	Details of Roof top rainwater harvesting.		Month	Rainwater (KL)	April 2024	0	May 2024	0	June 2024	92	July 2024	507	August 2024	286	September 2024	242	Total	1127
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	<p>(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.</p>	<p>Unit complies with the given condition. Pre-employment and routine periodical medical examinations for all employees are done on regular basis. Regular training is imparted to all employees with regard to handling of chemicals.</p>																		
	<p>(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.</p>	<p>Unit follow the given condition.</p>																		
	<p>(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.</p>	<p>Unit undertake Corporate social activities for the betterment of surrounding villages.</p>																		

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
	(x) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Unit carry 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 SPCB. A copy of environmental clearance and six-monthly compliance status reports shall be posted on the website of the company.	Six monthly compliance of Environmental Clearance conditions including results of monitored data are uploaded on PARIVESH portal and posted on the website of the company.
	(xiv) The environmental statement for each financial year ending 31 <sup>st</sup> 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 and 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 <a href="http://moef.nic.in">http://moef.nic.in</a> . 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:

## SIX MONTHLY EC COMPLIANCE REPORT

Sr. No.	Conditions	Compliance Status
	 <p style="text-align: center;"><b>PUBLIC NOTICE ENVIRONMENTAL CLEARANCE</b></p> <p>It is hereby informed that the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi, has accorded Environmental Clearance for proposed expansion in existing premises for Pesticidies and Pesticide Specific Intermediates manufacturing unit of <b>M/s.Cheminova India Limited (Intermediate Division)</b> at Plot no. (27+28)/A Notified GIDC Industrial Estate, Pandli-394 116, Ta: Ankleshwar, Dist.Bharuch, State: Gujarat,Vide letter dated 31/12/2019 [F.ND IA-J-11011/53/2018-IA-II(I)] under the provision of EIA Notification dated 14th September 2006.</p> <p>Copies of Clearance Letter are available on Website of MoEF&amp;CC (PARIVESH)- <a href="http://moef.nic.in">http://moef.nic.in</a></p> <p>Dated 09/01/2020 Authorized Signatory--SD-</p>	 <p style="text-align: center;"><b>ગુજરાત રાજ્યના પર્યાવરણીય મંત્રી</b></p> <p>આ સાર્વજનિક જાણપ્રવામાં આવે છે કે મિનિસ્ટ્રી ઓફ એન્વાયરમેન્ટ, ફોરેસ્ટ અને ક્લાઇમેટ ચેન્જ દ્વારા ને. ડેલિનોવા ઇન્ડિયા લિમિટેડ (ઇન્ટરમીડિએટ ડિવિઝન) પ્લોટ નંબર (૨૭+૨૮)/A, નોટીફાઇડ ઇ.આઇ.ડી.સી. ઇન્ડસ્ટ્રીયલ એસ્ટેટ, પાનોલી-૩૯૪ ૧૧૬, તાલુકા અંકલેશ્વર, ડિસ્ટ્રિક્ટ ભરૂચ, રાજ્ય ગુજરાત ખાતેના ફાઇનાલ એક્ઝ પર સુધિત પેસ્ટીસાઇડ્સ તથા તેના પેસ્ટીસાઇડ સ્પેસિફિક ઇન્ટરમીડિએટ્સ ના વિસ્તરણ માટેની પર્યાવરણીય મંત્રી ડિસેમ્બર, ૩૧, ૨૦૧૯ ના પત્ર દ્વારા [ફાઇનાલ ક્રમાંક IA-J-11011/53/2018-IA-II(I)] ઇ.આઇ.એ. નોટીફિકેશન ટાઇમ ૧૪ સપ્ટેમ્બર ૨૦૦૬ની જોગવાઈ ફેલન આપેલ છે. પર્યાવરણીય મંત્રીના પત્રની હેઠળ MoEF&amp;CC (PARIVESH) ની વેબસાઇટ (<a href="http://moef.nic.in">http://moef.nic.in</a>) ઉપર ઉપલબ્ધ છે.</p> <p>તારીખ: ૦૮/૦૧/૨૦૨૦ સહી:--</p>
	(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.	Noted.
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.	Noted and agreed.
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.	Noted.
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.	Noted.
15.	The above conditions will be enforced, inter alia 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.	Noted.
16.	This issue with approval of the competent authority.	Noted.