

**ENVIRONMENT CLEARANCE COMPLIANCE REPORT,  
JANUARY-JUNE, 2023**

<b>Compliance Report of</b>	:	<b>M/s. Privi Speciality Chemicals Ltd. (Unit VI)</b>
<b>Address of the Company</b>	:	Plot No. 765, Jhagadia Industrial Estate, Jhagadia, Dist.: Bharuch, Gujarat – 393110.
<b>EC. No.</b>	:	SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2022 obtained from State Level Environmental Impact Assessment Authority, Gujarat.
<b>Period of Compliance report</b>	:	1 <sup>st</sup> January 2023 to 30 <sup>th</sup> June 2023

**PRODUCT LIST**

Sr. no.	Name of the Products	CAS / SI no.	Quantity (MT/Month)			End-use of the products*
			Existing	Proposed	Total	
1	Group A					
1.1	2,6/2,4 Xylidine	95-68-1/87-62-7	Either or all total not to exceed 300	-300	00	---
1.2	OTBCHA	88-41-5		Either or all total not to exceed 300	Either or all total not to exceed 300	Flavour and Fragrance
1.3	Phenyl ethyl acetate	103-45-7				
1.4	Fruity woody compound AG1	NA				
2.	Group B					
2.1	Dimethyl Octanol	16-21-8	Either or all total not to exceed 55	00	Either or all total not to exceed 55	Flavour and Fragrance
2.2	COL Crude	106-22-9,1335-43-9				
2.3	Rose compound AG-1	NA				
2.4	Rose compound AG-2	NA				
3	Group B2					
3.1	2,4,5 Tri Chloro Aniline	636-30-6	Either or all total not to exceed 300	-300	00	---
3.2	PTBCHA	322210-23-4		00	Either or all total not to exceed 300	Flavour and Fragrance
3.3	Fruity Rose Wood compound AG 1	NA				
4	Group C					
4.1	PEA	60-12-8	Either or all total	00	Either or all	Intermediate
4.2	Cis-Pinane	4795-86-				

		2	not to exceed 225		total not to exceed 225	Flavour and Fragrance
4.3	Para-Tertiary Butyl Cyclohexanol (PTBCH)	98-52-2				
4.4	Ortho-Tertiary Butyl Cyclohexanol (OTBCH)	13491-79-7				
5	Menthone & Intermediate & its derivatives					
5.1	Menthone	89-80-5, 1074-95--9	200	-200	00	--
5.2	Menthol	89-78-1, 15356-70-4				
5.3	Menthyl acetate	89-48-5, 29066-34-0				
5.4	Menthyl Lactate	17162-29-7				
6.	Phenyl Ethyl Alcohol & Intermediates & its derivatives					
6.1	Styrene Oxide / Styrene Epoxide	96-9-3	400	-400	00	--
6.2	Phenyl Ethyl Alcohol	60-12-8				
6.3	Phenyl Ethyl Phenyl Acetate (PEPA)	102-20-5				
6.4	Phenyl Ethyl Methyl Ether (PEME)	3558-60-9				
6.5	Phenyl Acetaldehyde	122-78-1				
6.6	Phenyl Acetyl Dimethyl Acetal (PADMA)	101-48-4				
7.	Hydrogenation of Intermediates					
7.1	Aroma & Aromatic chemicals hydrogenation	NA	200	00	200	Flavour and Fragrance
8.	Alcohols & Intermediates & Its derivatives					
8.1	Terpin-4-ol (4-Terpineol)	562-74-3, 1336-05-6	400	-150	250	Flavour and Fragrance
8.2	Terpinolenes various grades (10 to 99)	NA				
8.3	Carvacrol	499-75-2				
8.4	Isobornyl Cyclohexanol (IBCH)	3407-42-9				
8.5	Thymol	89-83-8				
8.6	Isocamphyl Cyclohexanol (ICCH)	66068-84-6	00	250		
9.	Aroma Chemicals & Intermediates & Its derivatives					
9.1	Terpinyl Methyl ether (TME)	14576-08-0	300	-200	100	Flavour and Fragrance
9.2	Herbather	24691-15-4				
9.3	Cedarnol	7070-15-				

		7				
9.4	Ethyl Fruitate/ Fruberry	80657-64-3, 80623-07-0				
9.5	Ambernol	139504-68-0				
9.6	Citronellal (CAL)	106-23-0				
9.7	Citronellol (COL)	106-22-9, 1335-43-9				
9.8	Maltol	118-71-8				
9.9	Ethyl Maltol	11-8-4940		-300	00	--
10.	Galaxmusk pure & its derivatives	1222-05-5	00	400	400	Flavour and Fragrance
11.	Galaxmausk & its blends various solvents/diluents like DEP/IPM/DPG/PG Others and with aroma chemicals	---	00	300	300	Flavour and Fragrance
12.	Hydrogen Gas	---	00	35	35	Raw material
13.	Galaxmeran	33704-61-9	00	5	5	Flavour and Fragrance
14.	Galaxkone	---	00	5	5	Flavour and Fragrance
15.	Distilled Turpentine	---	00	215	215	Flavour and Fragrance
16.	Blend of Musk Fraction	---	00	133	133	Flavour and Fragrance
17.	Mixture of Terpenes	---	00	98	98	Flavour and Fragrance
18.	Saturated Mix Alcohol	---	00	27	27	Flavour and Fragrance
19.	Musky odour compound MG1	---	00	25	25	Flavour and Fragrance
20.	Dipentene	138-86-3	00	72	72	Flavour and Fragrance
21.	Acetic Acid	64-19-7	00	136	136	Raw material
<b>Total</b>			<b>2380</b>	<b>501</b>	<b>2881</b>	

❖ In accordance with Consent CCA (AWH – 116001) dated 11 /03/2022 & CCA amendment (AWH: 124119) dated 29/05/2023 obtained from GPCB, Here we have provided actual production data from January 2023 to June 2023.

Sr. No.	Name of Product	Actual Production in MT/Month (Jan-June, 2023)						Average Monthly Production
		Jan	Feb	Mar	Apr	May	June	
<b>1</b>	<b>Group A</b>							
<b>1.1</b>	2,6/2,4 Xylidine	0	0	0	0	0	0	-
<b>1.2</b>	OTBCHA	159.37	208.49	182.17	171.15	163.36	247.11	<b>188.60</b>
<b>1.3</b>	Phenyl ethyl acetate	0	0	0	0	0	0	-
<b>1.4</b>	Fruity woody compound AG1	0	0	0	0	0	0	-
<b>2.</b>	<b>Group B</b>							
<b>2.1</b>	Dimethyl Octanol	0	0	0	0	0	0	-
<b>2.2</b>	COL Crude	61.96	19.74	37.62	17.8	41.59	0	<b>29.78</b>
<b>2.3</b>	Rose compound AG-1	4.5525	7.424	2.234	5.129	6.602	4.363	<b>5.050</b>
<b>2.4</b>	Rose compound AG-2	0	0	0	0	0	0	-
<b>3</b>	<b>Group B2</b>							
<b>3.1</b>	2,4,5 Tri Chloro Aniline	0	0	0	0	0	0	-
<b>3.2</b>	PTBCHA	149.4	159.8	148.6	139.0	115.3	131.7	<b>140.63</b>
<b>3.3</b>	Fruity Rose Wood compound AG 1	4.3125	1.682	5.55	13.45	1.349	4.342	<b>5.1142</b>
<b>4</b>	<b>Group C</b>							
<b>4.1</b>	PEA	0	0	0	0	0	0	-
<b>4.2</b>	Cis-Pinane	209.8	120.34	180.07	161.33	162.55	286.62	<b>186.785</b>
<b>4.3</b>	Para-Tertiary Butyl Cyclohexanol (PTBCH)	0	0	12.32	12.8	4.16	2.1	<b>5.23</b>
<b>4.4</b>	Ortho-Tertiary Butyl Cyclohexanol (OTBCH)	0	0	0	0	0	0	-
<b>5</b>	<b>Menthone &amp; Intermediate &amp; its derivatives</b>							
<b>5.1</b>	Menthone	0	0	0	0	0	0	-
<b>5.2</b>	Menthol	0	0	0	0	0	0	-
<b>5.3</b>	Menthyl acetate	0	0	0	0	0	0	-
<b>5.4</b>	Menthyl Lactate	0	0	0	0	0	0	-
<b>6.</b>	<b>Phenyl Ethyl Alcohol &amp; Intermediates &amp; its derivatives</b>							
<b>6.1</b>	Styrene Oxide / Styrene Epoxide	0	0	0	0	0	0	-
<b>6.2</b>	Phenyl Ethyl Alcohol	0	0	0	0	0	0	-
<b>6.3</b>	Phenyl Ethyl Phenyl Acetate (PEPA)	0	0	0	0	0	0	-
<b>6.4</b>	Phenyl Ethyl Methyl Ether (PEME)	0	0	0	0	0	0	-
<b>6.5</b>	Phenyl Acetaldehyde	0	0	0	0	0	0	-
<b>6.6</b>	Phenyl Acetyl Dimethyl Acetal (PADMA)	0	0	0	0	0	0	-

7.	<b>Hydrogenation of Intermediates</b>	<b>Not included in CCA, So not started any production till time</b>						
7.1	Aroma & Aromatic chemicals hydrogenation							
8.	<b>Alcohols &amp; Intermediates &amp; Its derivatives</b>							
8.1	Terpin-4-ol (4-Terpineol)	0	0	0	0	0	0	-
8.2	Terpinolenes various grades (10 to 99)	<b>Not included in CCA, So not started any production till time</b>						
8.3	Carvacrol							
8.4	Isobornyl Cyclohexanol (IBCH)							
8.5	Thymol							
8.6	Isocamphyl Cyclohexanol (ICCH)							
9.	<b>Aroma Chemicals &amp; Intermediates &amp; Its derivatives</b>	<b>Not included in CCA, So not started any production till time</b>						
9.1	Terpinyl Methyl ether (TME)							
9.2	Herbather							
9.3	Cedarnol							
9.4	Ethyl Fruitate/ Fruberry							
9.5	Ambernal							
9.6	Citronellal (CAL)							
9.7	Citronellol (COL)							
9.8	Maltol							
9.9	Ethyl Maltol							
10.	<b>Galaxmusk pure &amp; its derivatives</b>	<b>Not included in CCA, So not started any production till time</b>						
11.	<b>Galaxmausk &amp; its blends various solvents/diluents like DEP/IPM/DPG/PG Others and with aroma chemicals</b>	<b>Not included in CCA, So not started any production till time</b>						
12.	<b>Hydrogen Gas</b>	<b>Not included in CCA, So not started any production till time</b>						
13.	<b>Galaxmeran</b>	<b>Not included in CCA, So not started any production till time</b>						
14.	<b>Galaxkone</b>	<b>Not included in CCA, So not started any production till time</b>						
15.	<b>Distilled Turpentine</b>	<b>Not included in CCA, So not started any production till time</b>						
16.	<b>Blend of Musk Fraction</b>	<b>Not included in CCA, So not started any production till time</b>						
17.	<b>Mixture of Terpenes</b>	<b>Not included in CCA, So not started any production till time</b>						
18.	<b>Saturated Mix Alcohol</b>	<b>Not included in CCA, So not started any production till time</b>						
19.	<b>Musky odour compound MG1</b>	<b>Not included in CCA, So not started any production till time</b>						
20.	<b>Dipentene</b>	<b>Not included in CCA, So not started any production till time</b>						
21.	<b>Acetic Acid</b>	<b>Not included in CCA, So not started any production till time</b>						
<b>TOTAL</b>		<b>589.39</b> <b>5</b>	<b>517.47</b> <b>6</b>	<b>568.56</b> <b>4</b>	<b>520.65</b> <b>9</b>	<b>494.91</b> <b>1</b>	<b>676.23</b> <b>5</b>	<b>561.206</b>

❖ Present status of overall environmental performance vide EC No. – SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2022 is given hereunder:

Sr. No.	EC Conditions	Compliance Status
<b>A. CONDITIONS:</b>		
<b>A. 1 SPECIFIC CONDITIONS:</b>		
1.	Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB/CPCB on real time basis. [For Small/Large/Medium (Red Category) & Whichever (Air emission & Effluent discharge) is applicable.	<p>We have provide CEMS [Continuous Emission Monitoring System] and arrangement to show the online monitoring results on the company's server, which have assessable to GPCB on real time basis.</p> <p>Supporting photographs has been attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
2.	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), There shall be no generation of any spent solvent within premises.</p> <p>As per EC We will provide Close loop solvent recovery system with adequate distillation system to recover Spent solvent (i.e. 95-98%) and it is completely reused in the process within premises.</p> <p><b>In the view of above the condition is being complied.</b></p>
3.	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.	<p>In our existing plant we have kept and maintained leakage control kit; LDAR program have prepared and implemented as per the CPCB guidelines and also maintained logbooks of LDAR.</p> <p><b>Hence, the condition is being complied.</b></p>
4.	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 complied with.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>

5.	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G. S, R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
6.	Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & consistence with the same.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
7.	All measures shall be taken to avoid soil and ground water contamination within premises.	<p>We have provided concrete roads and minimizing leakages and none of the activity from our unit will have any harmful impact on soil and ground water.</p> <p>Supporting photographs has been attached in <b>Annexure 7.</b></p> <p><b>Hence, the condition is being complied.</b></p>
8.	<p><b>Safety &amp; Health:</b></p> <p>a. PP shall obtain PESO permission for the storage and handling of hazardous chemicals.</p> <p>b. PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.</p> <p>c. PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per SeEI, prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.</p> <p>d. Unit shall adopt functional operations/process automation system including emergency response to eliminate associated with the hazardous processes.</p> <p>e. PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.</p> <p>f. PP shall install adequate fire hydrant system with foam</p>	<p>Complied, Training Program on safety is arranged for workers.</p> <p>Personal Protective Equipments are provided.</p> <p>First Aid Box Provided.</p> <p>Also have provided Fire pump &amp; Fire extinguisher within premises.</p> <p>Supporting photographs has been attached in <b>Annexure 7.</b></p> <p><b>Hence, the condition is being complied.</b></p>

	<p>trolley attachment within premises and separate storage of water for the same shall be ensured by PP.</p> <p><b>g.</b> PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.</p> <p><b>h.</b> PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises.</p> <p><b>i.</b> Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.</p> <p><b>j.</b> Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.</p> <p><b>k.</b> Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p><b>l.</b> Unit shall provide effective fire hydrants, water monitors &amp; foam application system at solvent storage area and unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent storage area.</p> <p><b>m.</b> Unit shall provide effective isolation for Process area and storage of hazardous chemicals.</p>	
<b>A. 2 WATER:</b>		
<b>9.</b>	Total water requirement for the project shall not exceed 860.44 KLD. Unit shall reuse 65.6 KLD of treated industrial	We would like to inform you that, According to CCA (AWH: 116001) & CCA amendment (AWH: 124119). Our total water requirement is not exceed 95.86 KL/day. The data of water consumption during compliance period i.e. From January to June, 2023 is as below:



	effluent within premises. Hence, fresh water requirement shall not exceed 794.84 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority for withdrawal of water shall be obtained.	<table><tr><th colspan="4">Details of fresh water &amp; recycled water consumption data (KL)</th></tr><tr><th>Months</th><th colspan="2">Fresh Water consumption</th><th rowspan="2">MEE Condensate Recycle</th></tr><tr><th></th><th>Domestic</th><th>Industrial</th></tr><tr><td>Jan-23</td><td>1480</td><td>2584</td><td>1572</td></tr><tr><td>Feb-23</td><td>1128</td><td>2155</td><td>1687</td></tr><tr><td>Mar-23</td><td>1420</td><td>2654</td><td>1318</td></tr><tr><td>Apr-23</td><td>1200</td><td>2739</td><td>1185</td></tr><tr><td>May-23</td><td>927</td><td>2160</td><td>1533</td></tr><tr><td>Jun-23</td><td>910</td><td>1351</td><td>1780</td></tr><tr><td>Sub Total</td><td>7065</td><td>13643</td><td rowspan="2">9075</td></tr><tr><td>Total</td><td colspan="2">20708</td></tr></table> <p>Total water consumption in Six months was <b>29783.0 KL</b>. Hence average fresh water consumption per day will be <b>115.04 KLPD</b> which is under prescribed limit.</p> <p><b>Hence, the condition is being complied.</b></p>	Details of fresh water & recycled water consumption data (KL)				Months	Fresh Water consumption		MEE Condensate Recycle		Domestic	Industrial	Jan-23	1480	2584	1572	Feb-23	1128	2155	1687	Mar-23	1420	2654	1318	Apr-23	1200	2739	1185	May-23	927	2160	1533	Jun-23	910	1351	1780	Sub Total	7065	13643	9075	Total	20708	
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10.	The industrial effluent generation from the project shall not exceed 297.7 KLD.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119). Our industrial effluent generation shall not exceed 9.10 KL/day. The data of industrial wastewater generated &amp; treated during compliance period i.e. From January to June, 2023 is as below:</p> <table><tr><th>Months</th><th>Quantity of Waste Water Feed from ETP to MEE (KL)</th><th>Quantity of Condensate Water recovered from MEE (KL)</th></tr><tr><td>Jan-23</td><td>1838</td><td>1572</td></tr><tr><td>Feb-23</td><td>1890</td><td>1687</td></tr><tr><td>Mar-23</td><td>1600</td><td>1318</td></tr><tr><td>Apr-23</td><td>1349</td><td>1185</td></tr><tr><td>May-23</td><td>1845</td><td>1533</td></tr><tr><td>Jun-23</td><td>1619</td><td>1780</td></tr><tr><td>Total</td><td>10141</td><td>9075</td></tr></table> <p><b>Hence, the condition is being complied.</b></p>	Months	Quantity of Waste Water Feed from ETP to MEE (KL)	Quantity of Condensate Water recovered from MEE (KL)	Jan-23	1838	1572	Feb-23	1890	1687	Mar-23	1600	1318	Apr-23	1349	1185	May-23	1845	1533	Jun-23	1619	1780	Total	10141	9075																		
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Jun-23	1619	1780																																										
Total	10141	9075																																										
11.	Management of industrial effluent shall be as under: <b>Concentrated Stream :</b> ➤ Stream- 1: High COD high TDS stream: 19.41 KLD will be treated in Solvent stripper. The concentrate 1.0 KLD will be sent to CHWIF, reject 16.91 KLD will be treated in	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), Our industrial effluent generation shall not exceed 9.10 KL/day. And generated industrial wastewater shall be evaporated in MEE. Hence, unit shall maintain ZLD.</p> <p><b>Hence, the condition is being complied.</b></p>																																										

	<p>MEE &amp; Aq. Layer 1.5 KLD will be sent to ETP.</p> <p>➤ Stream- 2: High TDS stream: 34.98 KLD along with Stripper reject 16.91 KLD Total: 51.89 KLD will be treated in Multi Effect Evaporation (MEE) System from that MEE condensate 43.2 KLD will be reuse in industrial activity within premises &amp; MEE residue will be goes to in house ATFD and from that 5.19 KLD ATFD Condensate water goes to ETP for further treatment &amp; 3.5 MTPD generated salt will be sent to TSDF for dispose.</p> <p><b><u>Dilute Stream :</u></b></p> <p>➤ 243.31 KLD from Low COD process, washing &amp; utility stream along with ATFD condensate: 5.19 KLD &amp; Aq. Layer from solvent stripper: 1.5 KLD, thus total: 250 KLD shall be treated in adequate ETP (Having Primary, Secondary &amp; Tertiary Treatment Unit) and treated effluent shall be discharged to deep sea (Arabian sea) through underground pipeline of Narmada Clean Tech Ltd. (NCTL) after complying with the norms prescribed by GPCB.</p>	
12.	<p>Domestic wastewater generation shall not exceed 22.4 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off into soak pit. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.</p>	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), The generation of domestic wastewater in not exceed 3.0 KL/day and generated domestic wastewater shall be disposed off through septic tank/soak pit system.</p> <p>Now, We have treated in STP &amp; reused in gardening.</p> <p>The data of domestic water consumption &amp; generation during compliance period i.e. from January to June 2023 is as below:</p>

		<table> <tr> <th rowspan="2">Months</th><th colspan="2">Domestic Water Consumption &amp; Wastewater Generation(KL)</th></tr> <tr> <th>Water Consumption</th><th>Wastewater Generation</th></tr> <tr> <td>Jan-23</td><td>1480</td><td>933</td></tr> <tr> <td>Feb-23</td><td>1128</td><td>632</td></tr> <tr> <td>Mar-23</td><td>1420</td><td>994</td></tr> <tr> <td>Apr-23</td><td>1200</td><td>850</td></tr> <tr> <td>May-23</td><td>927</td><td>713</td></tr> <tr> <td>Jun-23</td><td>910</td><td>688</td></tr> <tr> <td><b>Total</b></td><td><b>7065</b></td><td><b>4810</b></td></tr> </table> <p><b>Hence, the condition is being complied.</b></p>	Months	Domestic Water Consumption & Wastewater Generation(KL)		Water Consumption	Wastewater Generation	Jan-23	1480	933	Feb-23	1128	632	Mar-23	1420	994	Apr-23	1200	850	May-23	927	713	Jun-23	910	688	<b>Total</b>	<b>7065</b>	<b>4810</b>
Months	Domestic Water Consumption & Wastewater Generation(KL)																											
	Water Consumption	Wastewater Generation																										
Jan-23	1480	933																										
Feb-23	1128	632																										
Mar-23	1420	994																										
Apr-23	1200	850																										
May-23	927	713																										
Jun-23	910	688																										
<b>Total</b>	<b>7065</b>	<b>4810</b>																										
<b>13.</b>	During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.	<p>We have provided storage tank for store the water.</p> <p><b>Hence the condition has been complied.</b></p>																										
<b>14.</b>	Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	<p>We have provided storage tank for store the water.</p> <p><b>Hence the condition has been complied.</b></p>																										
<b>15.</b>	The PP shall ensure to dispose off Waste water to the Common Facilities having valid CTO of GPCB.	<p>Complied, we have to dispose off waste water to the Common Facilities having permission from GPCB.</p> <p><b>Hence the condition has been complied.</b></p>																										
<b>16.</b>	Treated waste water shall be sent to NCTL-underground pipeline only after complying with prescribed norms by GPCB to ensure no adverse impact on Human Health and Environment.	<p>Noted, we assure you that Treated waste water shall be sent to NCTL-underground pipeline only after complying with prescribed norms by GPCB to ensure no adverse impact on Human Health and Environment.</p> <p><b>Hence the condition has been complied.</b></p>																										
<b>17.</b>	The unit shall provide metering facility at the inlet and outlet of ETP and maintain records for the same.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), we have provided metering facility at inlet and outlet of the ETP and also maintain its records regularly.</p> <p>And it will be available at site for GPCB at a time of inspection.</p> <p><b>Hence, the condition is being complied.</b></p>																										
<b>18.</b>	Proper logbooks of ETP; reuse/ recycle of treated/ untreated effluent; chemical consumption	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), we are regularly maintain records of ETP; reuse/ recycle of treated/ untreated effluent; chemical consumption in effluent</p>																										

	in effluent treatment; quantity & quality of treated effluent; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	treatment; quantity & quality of treated effluent; power consumption etc. And it will be available at site for GPCB at a time of inspection. <b>Hence, the condition is being complied.</b>																											
<b>A. 3 AIR:</b>																													
<b>19.</b>	Unit shall not exceed fuel consumption for Steam Boiler, Thermo packs, D.G. Sets as mentioned in EC no. SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2023.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), we are using Lignite in Boiler and HSD in D.G. sets; Lignite &amp; HSD consumption for a period of Jan-June 2023 is as below:</p> <table border="1"> <thead> <tr> <th colspan="3">Details of fuel consumption in boiler and DG set</th></tr> <tr> <th>Months</th><th>Quantity of Total Lignite Consumed in boiler (MT)</th><th>Quantity of HSD Consumption in DG Sets (Liter)</th></tr> </thead> <tbody> <tr> <td>Jan-23</td><td>360.0</td><td>Nil</td></tr> <tr> <td>Feb-23</td><td>340.0</td><td>Nil</td></tr> <tr> <td>Mar-23</td><td>330.0</td><td>Nil</td></tr> <tr> <td>Apr-23</td><td>360.0</td><td>Nil</td></tr> <tr> <td>May-23</td><td>380.5</td><td>Nil</td></tr> <tr> <td>Jun-23</td><td>493.89</td><td>Nil</td></tr> <tr> <td><b>Total</b></td><td><b>2264.89</b></td><td><b>Nil</b></td></tr> </tbody> </table> <p>From above data it can be stated that daily average consumption of Lignite in Boiler is <b>0.52 MT/hr</b> and Diesel DG Sets is <b>nil</b> which is well within prescribed limit in consent i.e. <b>0.75 MT/hr &amp; 0.29 KL/day</b>.</p> <p>We assure you that our quantity of fuel consumption will be within prescribed limit.</p> <p><b>Hence, the condition is being complied.</b></p>	Details of fuel consumption in boiler and DG set			Months	Quantity of Total Lignite Consumed in boiler (MT)	Quantity of HSD Consumption in DG Sets (Liter)	Jan-23	360.0	Nil	Feb-23	340.0	Nil	Mar-23	330.0	Nil	Apr-23	360.0	Nil	May-23	380.5	Nil	Jun-23	493.89	Nil	<b>Total</b>	<b>2264.89</b>	<b>Nil</b>
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Months	Quantity of Total Lignite Consumed in boiler (MT)	Quantity of HSD Consumption in DG Sets (Liter)																											
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Jun-23	493.89	Nil																											
<b>Total</b>	<b>2264.89</b>	<b>Nil</b>																											
<b>20.</b>	Unit shall provide adequate APCM with flue gas generation sources as mentioned in EC no. SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2022.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), we have installed ESP as an APCM with Boiler (4 TPH) stacks respectively. And we have provided adequate stack height for D.G. Sets.</p> <p>Supporting photographs of the same have been enclosed in <b>annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>																											
<b>21.</b>	Unit shall provide adequate APCM for process gas generation sources as mentioned in EC no. SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2023.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), There shall be no process gas emission from manufacturing process and any other ancillary industrial operation through various stacks/vent of reactors, process, vessels within plant premises.</p> <p>Supporting photographs of the same have been enclosed in <b>annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>																											
<b>22.</b>	PP shall use approved fuels only as fuel in boilers, thermo packs and D G Sets.	<p>We assure you that we will use approved fuels only as fuel in Boilers, thermo packs and D G Sets.</p> <p><b>Hence, the condition is being complied.</b></p>																											

23.	<p>The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of industrial Safety &amp; Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.</p> <ul style="list-style-type: none"> <li>➤ Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.</li> <li>➤ Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.</li> <li>➤ A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive &amp; transport dust emission.</li> </ul>	<p>We are monitoring the fugitive emission every three month near main gate and near ETP area.</p> <p>Report of Fugitive emission monitoring has been attached in <b>Annexure 3</b>.</p> <ul style="list-style-type: none"> <li>➤ Internal roads are paved properly to reduce the fugitive emission during vehicular movement.</li> <li>➤ A green belt has been developed all around the plant boundary and also along the roads to mitigate fugitive &amp; transport dust emission.</li> <li>➤ We have made sure the fuel loading and unloading activity is done with enclosure.</li> </ul> <p>Supporting photographs has been attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
24.	<p>Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.</p>	<p>Reports of VOC monitoring reports are attached in <b>annexure-3</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
25.	<p>For control of fugitive emission, VOCs, following steps shall be followed :</p> <ol style="list-style-type: none"> <li>a) Closed handling and charging system shall be provided for chemicals.</li> <li>b) Reflux condenser shall be provided over Reactors / Vessels.</li> <li>c) Pumps shall be provided with mechanical seals to prevent leakages.</li> <li>d) Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.</li> </ol>	<p>All necessary facilities are provided as per the guideline.</p> <p>Concern photographs are attached in same <b>Annexure- 7</b></p> <p><b>Hence, the condition is being complied.</b></p>
26.	<p>Solvent management shall be carried out as follows:</p> <ul style="list-style-type: none"> <li>✓ Measures shall be taken to reduce the process vapors</li> </ul>	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>

	<p>emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapour recovery system.</p> <ul style="list-style-type: none"> <li>✓ Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.</li> <li>✓ Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</li> <li>✓ The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery.</li> <li>✓ Solvents shall be stored in a separate space specified with all safety measures.</li> <li>✓ Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</li> <li>✓ Solvent storage and handling area shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</li> </ul>	
27.	<p>Regular monitoring of ground level concentration of PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub>, and VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulate the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.</p>	<p>Reports of PM 2.5, PM 10, SO<sub>2</sub>, NO<sub>x</sub> and VOC monitoring reports are attached in <b>Annexure 3</b> which states that ambient air quality levels are well within the prescribed limit of GPCB at impact zones.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>A. 4 SOLID / HAZARDOUS WASTE:</b>		
28.	All the hazardous waste	We would like to inform you that, According to CCA (AWH: 116001) & CCA

	management shall be taken care as mentioned in EC no. SEIAA/GUJ/EC/5(f)/2772/2022 dated 22/11/2022.	amendment (AWH: 124119), we have obtained membership certificate of an active TSDF site Facility of BEIL for the disposal of ETP sludge & CHWIF of BEIL for the disposal of Process waste and tarry waste and managed as mentioned in consent.  Supporting details has been enclosed in <b>annexure 1</b> .  <b>Hence, the condition is being complied.</b>				
29.	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.	The details of end users for management of Aluminum Chloride Solution, Acetic Acid Solution(25-30%), Sodium Acetate Solution, Phosphoric Acid, Dilute Sulphuric Acid and Chromium Sulphate solution are as mentioned below:				
		<b>Name of Haz. Waste</b>	<b>Authorized end user</b>	<b>MoU Quantity</b>	<b>End User Rule-9 Application/ Permission Status</b>	<b>End User CCA No. &amp; Validity</b>
		Aluminum Chloride Solution (23026 MT/year)	<b>M/s. Arun Industrial Products</b> Plot No. 320/C, at & po. Varsola, Ta: Mehmedavad, Dist: Kheda – 387130.	23000 MT/year	Ref no. B-29016/(SC)/1(55-308)/18/WM-II/1431 dated 27/04/2018	Consent Order No. AWH-108815, Date of issue 24/07/2020 Valid up to 31/08/2025
		Acetic Acid Solution (25–30 %) (1773 MT/year)	<b>M/s. Manik Pharma Chem LLP</b> Plot No.874, of Irana, Rajpur – Incod Approach Road, Opp: Consta Cool, Near virhal Container, Vill: Irana-382715, Ta: Kadi, Dist: Mehsana	1800 MT/year	Ref No. GPCB/HAZ-GEN-636(7)/624292 dated 28/02/2022	Consent Order No. AWH-116991, Date of issue 08/02/2022 Valid up to 10/10/2026
		Sodium Acetate Solution (252 MT/year)	<b>M/s. Hari om Industries</b> Plot No. 7519, Near Jalaram Industries, GIDC Estste Ankleshwar, Dist: bharuch	250 MT/year	Inward Date of Application 11/01/2018	Consent Order No. AWH-114008, Date of issue 29/07/2021 Valid up to 22/05/2026

		Recover ed Phosph oric Acid (293 MT/yea r)	<b>M/s. S.R. Chemicals</b> Plot no. 1917 & C-1/1981, GIDC Estate, Panoli, Ankleshwar - 394116	300 MT/year	Ref No. GPCB/HAZ-R(9)-190/465115 dated 08/08/2018	Consent Order No. AWH-123672, Date of issue 06/01/2023 Valid up to 15/10/2027
		Dilute Sulphur ic Acid (685 MT/yea r)	<b>M/s. Dhanot Enterprise</b> Survey No. 176, Village: Dhanot, Tal: Kalol, Dist: Gandhinagar - 382721	--	Ref No. GPCB/HAZ-GEN-636(6)/592997	Consent Order No. AWH-113013, Date of issue 25/05/2021 Valid up to 22/03/2024
		Chromi um Sulphat e Solutio n (2292 MT/yea r)	<b>M/s. Chhatral Environment Management System Pvt. Ltd.</b> Survey No. 260, Vadavsvami, Ta: Kalol, Dist: Gandhinagar - 382729	--	--	Consent Order No. AWH-124351, Date of issue 10/02/2023 Valid up to 24/01/2028
		MoU with the above units are attached in <b>Annexure 2</b> .  <b>Hence the condition has been complied.</b>				
<b>30.</b>	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.	We have obtained membership certificate of an active TSDF site Facility of BEIL for the disposal of ETP sludge & CHWIF of BEIL for the disposal of Process waste and tarry waste and managed as mentioned in consent.  Supporting details has been enclosed in <b>annexure 1</b> .  <b>Hence, the condition is being complied.</b>				
<b>31.</b>	The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.	We have obtained membership certificate of an active TSDF site Facility of BEIL for the disposal of ETP sludge & CHWIF of BEIL for the disposal of Process waste and tarry waste and managed as mentioned in consent.  Supporting details has been enclosed in annexure 5 & 2.  <b>Hence the condition has been complied.</b>				
<b>32.</b>	The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to	The details of end users for management of Aluminum Chloride Solution, Acetic Acid Solution(25-30%), Sodium Acetate Solution, Phosphoric Acid, Dilute Sulphuric Acid and Chromium Sulphate solution are as mentioned below:				



<p>the commencement of production. In the absence of potential buyers of these items, the unit shall restrict the production of the respective items.</p>	<p><b>Name of Haz. Waste</b></p>	<p><b>Authorized end user</b></p>	<p><b>MoU Quantity</b></p>	<p><b>End User Rule-9 Application/ Permission Status</b></p>	<p><b>End User CCA No. &amp; Validity</b></p>
	<p>Aluminum Chloride Solution (23026 MT/year)</p>	<p><b>M/s. Arun Industrial Products</b> Plot No. 320/C, at &amp; po. Varsola, Ta: Mehmedavad, Dist: Kheda – 387130.</p>	<p>23000 MT/year</p>	<p>Ref no. B-29016/(SC)/1(55-308)/18/WM-II/1431 dated 27/04/2018</p>	<p>Consent Order No. AWH-108815, Date of issue 24/07/2020 Valid up to 31/08/2025</p>
	<p>Acetic Acid Solution (25–30 %) (1773 MT/year)</p>	<p><b>M/s. Manik Pharma Chem LLP</b> Plot No.874, of Irana, Rajpur – Incod Approach Road, Opp: Consta Cool, Near virhal Container, Vill: Irana-382715, Ta: Kadi, Dist: Mehsana</p>	<p>1800 MT/year</p>	<p>Ref No. GPCB/HAZ-GEN-636(7)/624292 dated 28/02/2022</p>	<p>Consent Order No. AWH-116991, Date of issue 08/02/2022 Valid up to 10/10/2026</p>
	<p>Sodium Acetate Solution (252 MT/year)</p>	<p><b>M/s. Hari om Industries</b> Plot No. 7519, Near Jalaram Industries, GIDC Estste Ankleshwar, Dist: bharuch</p>	<p>250 MT/year</p>	<p>Inward Date of Application 11/01/2018</p>	<p>Consent Order No. AWH-114008, Date of issue 29/07/2021 Valid up to 22/05/2026</p>
	<p>Recovered Phosphoric Acid (293 MT/year)</p>	<p><b>M/s. S.R. Chemicals</b> Plot no. 1917 &amp; C-1/1981, GIDC Estate, Panoli, Ankleshwar - 394116</p>	<p>300 MT/year</p>	<p>Ref No. GPCB/HAZ-R(9)-190/465115 dated 08/08/2018</p>	<p>Consent Order No. AWH-123672, Date of issue 06/01/2023 Valid up to 15/10/2027</p>
	<p>Dilute Sulphuric Acid (685</p>	<p><b>M/s. Dhanot Enterprise</b> Survey No. 176, Village: Dhanot,</p>	<p>--</p>	<p>Ref No. GPCB/HAZ-GEN-636(6)/592997</p>	<p>Consent Order No. AWH-113013, Date of issue</p>

		MT/yea r)	Tal: Kalol, Dist: Gandhinagar - 382721			25/05/2021 Valid up to 22/03/2024
		Chromi um Sulphat e Solutio n (2292 MT/yea r)	<b>M/s. Chhatral Environment Management System Pvt. Ltd.</b> Survey No. 260, Vadavsvami, Ta: Kalol, Dist: Gandhinagar - 382729	--	--	Consent Order No. AWH-124351, Date of issue 10/02/2023 Valid up to 24/01/2028
MoU with the above units are attached in <b>Annexure 2.</b>						
<b>Hence the condition has been complied.</b>						
<b>A. 5 OTHER</b>						
<b>33.</b>	The project proponent shall carry out the activities of amount of Rs. 130 Lac for five years (10 Lac for Solar Street light, 10 Lac for Drinking water facility & Rain Water Harvesting and 6.0 Lac for Solar Panel in primary school at Borajai Village. 15 Lac for Solar Street Light & Solar Panel, 5.0 Lac for Drinking Water Facility and 1.0 Lac for Trees Plantation at Sardarpura Village. 8.0 Lac for Drinking water facility, 10 Lac for Rain Water Harvesting and 8.0 Lac for Solar Panel at Selod. 10 Lac for Rain Water Harvesting and 16 Lac for Solar Light & Solar Panel at Untiya & Talodara. 10 Lac for Rain Water Harvesting, 10 Lac for Educational purpose & Solar Panel and 6.0 Lac for Drinking water facility at Vasana & Uchhali) proposed under CER and it shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-IA.III dated 30.09.2020. This shall be		<b>We are obeying the condition.</b>  We have attached CSR+CER details of F.Y. 2022-23 (Jhagadia) in Annexure 4.  <b>Hence the condition has been complied.</b>			

	monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.	
34.	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Bhagwati Enviro Care Pvt. Ltd. and submitted by the project proponent and commitments made during presentation before SEAC and proposed in the EIA Report shall be strictly adhered to in letter and spirit.	<p>We assure you that we are obey the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Bhagwati Enviro Care Pvt. Ltd. and submitted by project proponent.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>B. GENERAL CONDITIONS:</b>		
<b>B. 1 CONSTRUCTION PHASE:</b>		
35.	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<p>We have made sure that the water Consumption during the construction phase is minimum with the help of best technology available.</p> <p><b>Hence, the condition is being complied.</b></p>
36.	Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	<p>We assure you that surrounding environment have not been affected due to the construction activity and transportation of construction activity will be covered to reduce dust at nose level.</p> <p><b>Hence, the condition is being complied.</b></p>
37.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
38.	First Aid Box shall be made readily available in adequate quantity at all the times.	<p>We have made total 08 First aid box readily available at all the times. Kindly reference <b>Annexure-7</b> for the sample of first aid kit available on plant site.</p> <p><b>Hence, the condition is being complied.</b></p>
39.	The project proponent shall	We have followed the condition as per guidelines.

	strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye laws of concern authority shall be complied in letter and spirit.	<b>Hence, the condition is being complied.</b>
40.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	Reports of ambient noise monitoring during day and night reports are attached in <b>Annexure 3</b> and We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
41.	Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	We had no requirement of DG set during construction phase due to the continuous supply of electricity, but now on if we do require DG sets in case of emergency/back up we will make sure that those DG sets are equipped with acoustic enclosure and will follow the EPA rules for air and noise emission standards.  <b>Hence, the condition is being complied.</b>
42.	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	We have made sure that wastewater and municipal solid waste during construction phase is disposed in most environment friendly manner.  <b>Hence, the condition is being complied.</b>
43.	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	We have made sure that excavated top soil is utilized and it does not with neighboring communities.  <b>Hence, the condition is being complied.</b>
44.	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighboring communities.	We have made sure that excavated earth is utilized to the maximum extent and it does not hinder with neighboring communities and balance quantity (if any) will be disposed off with the approval of the competent authority after taking the necessary precaution for general safety and health aspects.  <b>Hence, the condition is being complied.</b>

45.	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.	We have followed the condition and used ready mix concrete (RMC) during construction phase.  <b>Hence, the condition is being complied.</b>
46.	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
47.	"Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
48.	No uncovered vehicles carrying construction material and waste shall be permitted."	We do not allow any open vehicles carrying construction materials and waste.  <b>Hence, the condition is being complied.</b>
49.	"No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."	We have covered loose soil or sand or construction & demolition waste or any other construction material and stored proper storage area of sand for avoid fugitive emissions shall be ensured.  <b>Hence, the condition is being complied.</b>
50.	Roads leading to or at construction site must be paved and blacktopped (i.e. - metallic roads).	We have provide concrete road and Internal roads are paved properly.  <b>Hence, the condition is being complied.</b>
51.	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	We do not excavate soil without taking adequate dust mitigation measures.  <b>Hence, the condition is being complied.</b>
52.	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	We have provided Display board for mitigation measures shall be displayed prominently at the construction site for easy public viewing.  <b>Hence, the condition is being complied.</b>
53.	Grinding and cutting of building materials in open area shall be prohibited.	We have made sure that we have not grinding and cutting of building materials in open area.  <b>Hence, the condition is being complied.</b>
54.	Construction material and waste should be stored only	We have stored construction material and waste within earmarked area.

	within earmarked area and road side storage of construction material and waste shall be prohibited.	<b>Hence, the condition is being complied.</b>
55.	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).	<p>We have made sure that construction and demolition waste identified and disposed at the site.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>B. 2 OPERATION PHASE:</b>		
<b>B.2.1 WATER:</b>		
56.	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), At present our total water consumption is 81.60 KL/day which is well within prescribed limit of 95.86 KL/day Also we are regularly maintaining records in logbook which is readily available at plant in visiting hours.</p> <p><b>Hence, the condition is being complied.</b></p>
57.	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), We make continuous effort to reduce, recycle and reuse the treated effluent with the help of best available technology.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>B.2.2 AIR:</b>		
58.	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed, Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	<p>We would like to inform you that, According to CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119), In our unit there shall be no use of spray dryer.</p> <p><b>Hence, the condition is being complied.</b></p>
59.	Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	<p>At present we have provided Acoustic enclosure to the DG sets (300 KVA &amp; 125 KVA) according to the CCA (AWH: 116001) &amp; CCA amendment (AWH: 124119) to mitigate the noise pollution and it conform to the EPA rules for air and noise emission standards. Photographs attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
60.	Stack/Vents (Whichever is	Stack/vents of adequate height for boiler and DG sets according to the CCA (AWH:

	applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission:	116001) & CCA amendment (AWH: 124119) are provided as per the prevailing norms for flue gas emission. Photographs attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
61.	Flue gas emission & Process gas emission (if any) shall conform to the standards prescribed by the GPCB/CPCB/MOEF&CC. At no time, emission level should go beyond the stipulated standards.	We would like to inform you that, According to CCA (AWH: 116001) & CCA amendment (AWH: 124119), We have provide adequate stack height with efficient APCM system with flue gas emission and process gas emission stacks. We have attached ambient air analysis report in <b>Annexure 3</b> .  <b>Hence, the condition is being complied.</b>
62.	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission	All the reactors/vessels used in the manufacturing process are closed to reduce the fugitive emission. Photographs attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
<b>B.2.3 HAZARDOUS/SOLID WASTE:</b>		
63.	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage/ disposal of hazardous wastes.	We are complying with the norms of hazardous and other wastes (management and Transboundary movement) rules 2016.  <b>Hence, the condition is being complied.</b>
64.	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Hazardous wastes is dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom before its disposal. Photographs attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
65.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	Membership certificate of TSDF of <b>BEIL</b> attached in <b>Annexure-1</b> .  <b>Hence, the condition is being complied.</b>
66.	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.	We assure you that we make sure trucks/tankers used for transportation of hazardous waste are in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.  <b>Hence, the condition is being complied.</b>
67.	The design of the Trucks/tankers shall be such that there is no spillage during	We assure you that there will be no spillage during transportation.  <b>Hence, the condition is being complied.</b>

	transportation	
68.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	We assure you that we will make enough efforts into improving utility of hazardous waste via co-processing (if possible) prior to disposal into TSDF/ CHWIF.  <b>Hence, the condition is being complied.</b>
69.	Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
<b>B.2.4 SAFETY:</b>		
70.	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963	We are complying with provisions under the <b>factories act 1948</b> . Supporting document has been attached in <b>Annexure 5</b> .  <b>Hence, the condition is being complied.</b>
71.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	We are complying with (I) Provisions made in manufacture, storage and import of hazardous chemicals rules (MSIHC) 1989, as amended time to time (II) The public liability insurance act for handling of hazardous chemicals etc. (III) Provisions of Explosive Act, 1884 (IV) Provisions of Cylinders Rules, 2016 For the storage of hydrogen gas in cylinders. Copy of public liability insurance and a copy of license to store compressed gas in cylinders (PESO) have been attached in <b>Annexure 5</b> .  Kindly refer supporting photographs in enclosed <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
72.	Main entry and exit shall be separate and clearly marked in the facility.	Main entry and exit are separate and are clearly marketed in the facility. A photograph of the same has been enclosure in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
73.	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	Sufficient peripheral open passage is being kept in the margin area for free movement of fire tender/emergency vehicle around the premises.  <b>Hence, the condition is being complied.</b>
74.	Storage of flammable chemicals shall be sufficiently away from the production area.	Storage of flammable chemical is sufficiently away from the production area. Kindly refer <b>Annexure 7</b> for supporting photographs.  <b>Hence, the condition is being complied.</b>



75.	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	We have provided 189 Nos. fire extinguishers near the plant and storage area. Please Refer <b>Annexure 7</b> for the photograph of the same.  <b>Hence, the condition is being complied.</b>
76.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	We have made charging and handling of chemicals with fixed pipes and vacuum pump to avoid accident and we are taking All necessary precautionary measures to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.  Kindly refer <b>Annexure 7</b> for the supporting photographs.  <b>Hence, the condition is being complied.</b>
77.	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	We have obtained permission from PESO for the storage of Petroleum; copy of the supporting document has been attached in <b>Annexure 5</b> .  <b>Hence, the condition is being complied.</b>
78.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	We are complying the same as mentioned in risk assessment report.  <b>Hence, the condition is being complied.</b>
79.	Only flame proof electrical fittings shall be provided in the plant premises.	Flame proof electrical fittings are being provided in the plant premises. Photographs of the same have been enclosure in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
80.	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	We are storing Hazardous chemicals in optimum quantity and in small container. Kindly Refer photographs supporting the same in <b>Annexure 7</b>  <b>Hence, the condition is being complied.</b>
81.	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals	All the storage tanks are being fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for hazardous chemicals. A photograph of the same has been enclosed in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
82.	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Handling and charging of the chemicals is being done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs. Photographs of the same have been enclosed in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
83.	Tie up shall be done with nearby health care unit /	We have a consultancy agreement with <b>Dr. Chirag R Guwaliwala</b> for regular checkups and emergencies for immediate medical attention.

	doctor for seeking immediate medical attention in the case of emergency	Please refer <b>Annexure-6</b> for contract details.  <b>Hence, the condition is being complied.</b>
84.	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	We have made sufficient quantity of Personal protective Equipment available for the workers and encouraging usage of the same.  Supporting photograph of the same has been attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
85.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate IAA quantity.	In total 08 First Aid boxes are made available for the emergency situations, please refer photograph of the same in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
86.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	We are encouraging workers for safety precautions and schooling them periodically for the same.  <b>Hence, the condition is being complied.</b>
87.	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	We assure you that medical examination of workers is done before the joining at unit and also on periodical basis according to the factories Act & Rules; we have also kept records of the same, will be made available to board members at the time of visit.  <b>Hence, the condition is being complied.</b>
88.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Transportation of hazardous chemicals is being done as per the provision of the motor vehicle act & rules.  <b>Hence, the condition is being complied.</b>
89.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	We assure you that we implementing all preventive and mitigation measures suggested in the Risk Assessment Report.  <b>Hence, the condition is being complied.</b>
90.	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	We already have valid PESO permission for the Storage of Petroleum and license to work Factory, copy of the both has been attached in <b>Annexure 5</b> .  <b>Hence, the condition is being complied.</b>
<b>B.2.5 NOISE:</b>		
91.	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise	Noise Monitoring reports are enclosed in <b>Annexure 3</b> which are under prescribed limit.  <b>Hence the condition is being complied.</b>

	generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules	
<b>B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:</b>		
<b>92.</b>	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	<p>We assure you that we will undertake the Cleaner Production Assessment study through a reputed institute/ organization and shall form a CP team in the company.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>93.</b>	<p>The company shall undertake various waste minimization measures such as:</p> <ol style="list-style-type: none"> <li>Metering and control of quantities of active ingredients to minimize waste.</li> <li>Reuse of by-products from the process as raw materials or as raw materials substitutes.</li> <li>Use of automated and close filling to minimize spillages.</li> <li>Use of close feed system into batch reactors.</li> <li>Venting equipment through vapour recovery system.</li> <li>Use of high pressure hoses for cleaning to reduce wastewater generation.</li> <li>Recycling of washes to subsequent batches.</li> <li>Recycling of steam condensate.</li> <li>Sweeping / mopping of floor instead of floor washing to avoid effluent generation.</li> <li>Regular preventive maintenance for avoiding leakage, spillage etc.</li> </ol>	<p>We assure you that,</p> <ul style="list-style-type: none"> <li>➤ Our production is batch wise and we will control the quantities of ingredients to minimize waste.</li> <li>➤ We have adopted vacuum pumps and fixed pipeline system to minimize spillage.</li> <li>➤ We have provided fixed pipe to all reactors and vessels to feed raw materials.</li> <li>➤ We will make sure that all venting equipments are equipped with vapour recovery system and we will reduce the use of toxic solvents.</li> <li>➤ We are mopping the floors instead of washing to reduce the wastewater.</li> <li>➤ We will use high pressure hoses for cleaning to reduce waste waster generation</li> </ul> <p>Kindly refer <b>Annexure 7</b> for the supporting photographs.</p> <p><b>Hence the condition is being complied.</b></p>
<b>B.2.7 GREEN BELT AND OTHER PLANTATION:</b>		
<b>94.</b>	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises,	We had developed green belt within premises (7140 m <sup>2</sup> (20%) inside plant premises + 1285 m <sup>2</sup> (3.6%) at outside plot (Compound wall & GIDC storm water drainage) + 10679 Sq. m. (29.9%) at Borjai Village = Total: 19104 Sq. m.) i.e. 53.5 % of total plot area)

	the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC I GPCB and submit an action plan of plantation for next three years to the GPCB.	<p>Photographs are attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
95.	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	<p>We have adopted trees that require low water for their growth and used low of water for the development of green belt within premises.</p> <p><b>Hence, the condition is being complied.</b></p>
96.	The PP shall develop green belt within premises (7140 m <sup>2</sup> (20%) inside plant premises + 1285 m <sup>2</sup> (3.6%) at outside plot (Compound wall & GIDC storm water drainage) + 10679 Sq. m. (29.9%) at Borjai Village = Total: 19104 Sq. m.) i.e. 53.5 % of total plot area) as per the undertaking submitted before SEAC. Green belt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB.	<p>We had developed green belt within premises (7140 m<sup>2</sup> (20%) inside plant premises + 1285 m<sup>2</sup> (3.6%) at outside plot (Compound wall &amp; GIDC storm water drainage) + 10679 Sq. m. (29.9%) at Borjai Village = Total: 19104 Sq. m.) i.e. 53.5 % of total plot area)</p> <p>Photographs are attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>B.3 OTHER CONDITION:</b>		
97.	PP shall submit methodology of stream segregation at source of generation within 10 days and shall strictly comply with the treatment scheme submitted by them for treatment and disposal of the waste waters.	<p>We are following all the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
98.	The projects covered under category 5(f) shall undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB.	<p>We made sure you that our projects covered under category 5(f) so we have carried the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB.</p> <p><b>Hence, the condition is being complied.</b></p>
99.	PP shall carry out the safety audit and Risk Assessment Report as per the prevailing guidelines of safety.	<p>We have carried out the safety audit and Risk Assessment Report as per the prevailing guidelines of safety.</p> <p><b>Hence, the condition is being complied.</b></p>

100.	Management of Fly Ash shall be as per the Fly Ash Notification 2009 & its amendment from time to time and it shall be ensured that there is 100 % utilization of fly ash to be generated from the unit.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
101.	EMP should invariably include provisions for environmental Monitoring and measures for noise pollution control measures.	Noise Monitoring reports are enclosed in <b>Annexure 3</b> which are under prescribed limit.  <b>Hence the condition is being complied.</b>
102.	In EMP proponent should separately indicate majors of occupational health, fire and safety measures.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
103.	Prior EC is granted is subject to the proponent receiving all statutory permission/ clearances / certificates and membership of respective agencies/ authorities which ever applicable. Proponent shall inform progress from time to time, in six monthly compliance reports to MOEFCC/SEIAA/SEAC/GPCB failing to which this provisional EC will stand withdrawn.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
104.	Wherever waste water or chemical water to be collected by tankers and transported to CETP etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or loss will make it liable for action under the law.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
105.	All transport movement by tanker etc has to be done with maintenance of gate pass and logbook it should be verified by the inspecting authorities.	We have maintained gate pass and logbook for all transport movement by tanker etc. and also it is verified by the inspecting authorities.  <b>Hence, the condition is being complied</b>
106.	Non-hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie-up with industry for generating sustainable power from the	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>

	waste.	
107.	All chemical Pharma industry etc. should ensure predictive and preventive maintenance of factory / boiler and reactive show as to avoid incident of fire and safety hazards.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
108.	EMP should include STP and detail cost including maintenance, transportation of waste water to CETP / CMEE etc as well as transportation cost or transit cost.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
109.	In LDAR preventive and predictive maintenance plan.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
110.	In LDAR leakage component, source of equipment leak, detention method should be given in table form.	In our existing plant we have kept and maintained leakage control kit; LDAR program have prepared and implemented as per the CPCB guidelines and also maintained logbooks of LDAR.  <b>Hence, the condition is being complied.</b>
111.	In storage component should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
112.	In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100 % utilization should be ensured.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
113.	Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.	We have installed all environment management system as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.  <b>Hence, the condition is being complied.</b>
114.	Project proponent shall display the copy of Environment Clearance at the site prominently.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
115.	Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.	We have followed the condition as per guidelines.  <b>Hence, the condition is being complied.</b>
116.	Project Proponent will have to display the safety procedure in working area.	We have displayed the safety procedure in working area within premises. Kindly refer <b>Annexure 7</b> for the supporting photographs. <b>Hence, the condition is being complied.</b>
117.	The project proponent shall obtain all required permissions	We have obtained permission from PESO for the storage of Petroleum; copy of the supporting document has been attached in <b>Annexure 8.</b>

	for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.	<b>Hence, the condition is being complied.</b>
<b>118.</b>	Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP/TSD/CHWF/CMEE/Common Spray Dryer as the case may be.	<p>We have obtained membership certificate of an active TSD/CHWF of BEIL for the disposal of ETP sludge &amp; CHWF of BEIL for the disposal of Process waste and tarry waste and managed as mentioned in consent.</p> <p>Supporting details has been enclosed in <b>annexure 1</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>119.</b>	Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.	<p>We made sure you that we have taken to avoid any accidental blast in boiler, reactor or any plant machineries in our unit.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>120.</b>	Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>121.</b>	Integrated Regional Office of MoEF&CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>122.</b>	The PP has to maintain the log sheets/registers/manifest/gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and its disposal data and submit to the GPCB every quarter. GPCB shall verify the same on regular basis and inform SEIAA and take legal action in the cases of non compliance.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>123.</b>	Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF&CC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>124.</b>	The project proponent shall allocate the separate fund for Corporate Environment	<b>We are obeying the condition.</b>

	<p>Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&amp;CC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.</p>	<p>We have attached CSR+CER details of F.Y. 2022-23 (Jhagadia) in Annexure 4.</p> <p><b>Hence the condition has been complied.</b></p>
125.	<p>Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.</p>	<p>We assure you that we are conserving fresh water as well recharge ground water with help of rainwater harvesting from surface as well as rooftop runoff.</p> <p><b>Hence, the condition is being complied.</b></p>
126.	<p>The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. /GIDC.</p>	<p>We assure you that we will participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the industrial association or GIDC or GPCB or any such authority created for this purposed by the Govt. /GIDC.</p> <p><b>Hence, the condition is being complied.</b></p>
127.	<p>Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.</p>	<p>We assure you that we will incorporate and implement usage of solar energy for illumination of common areas, lighting for gardens and street lighting in plant premises.</p> <p><b>Hence, the condition is being complied.</b></p>
128.	<p>The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.</p>	<p>We had developed green belt within premises (7140 m2 (20%) inside plant premises + 1285 m2 (3.6%) at outside plot (Compound wall &amp; GIDC storm water drainage) + 10679 Sq. m. (29.9%) at Borjai Village = Total: 19104 Sq. m.) i.e. 53.5 % of total plot area)</p>



		<p>Photographs are attached in <b>Annexure 7</b>.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>129.</b>	All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	<p>We are complying with all necessary commitments given to SEAC during appraisal (EMP).</p> <p><b>Hence, the condition is being complied.</b></p>
<b>130.</b>	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEAA Or any other competent authority for the purpose for the environmental protection and management.	<p>We are complying with all necessary additional condition imposed by SEAC during appraisal.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>131.</b>	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and as shall not be restarted until the desired efficiency of the control equipment has been achieved.	<p>We assure you that we will stop our production in the event of failure or any pollution control system so that no the environment is done from our activity and we will only restart particular production after achieving desired efficiency of the control equipment.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>132.</b>	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (PCB) State Government and any statutory authority.	<p>We assure you that we will strictly adhere to the stipulations made by the Gujarat pollution control board (GPCB), state government and any statutory authority.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>133.</b>	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<p>We have adopted mechanical handling methods and fixed pipe to directly feed raw materials in reactors or vessels so that spillage can be minimized.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>134.</b>	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<p>Pucca flooring / impervious layer is provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination. Photographs of the same has been enclosed in <b>Annexure 7</b></p> <p><b>Hence, the condition is being complied.</b></p>
<b>135.</b>	Leakages from pipes, pumps	<p>We have made sure that all pipes are fitted with mechanical seals so that leakage</p>

	shall be minimal and if occurs, shall be arrested promptly.	is minimum. Supporting photographs has been attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
<b>136.</b>	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	We assure you that, these will be No-further expansion or modifications in the plant likely to cause environmental impacts without obtaining prior environment clearance from the concerned authority.  <b>Hence, the condition is being complied.</b>
<b>137.</b>	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	We will obey the condition mentioned above.  <b>Hence, the condition is being complied.</b>
<b>138.</b>	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.	We are complying The companies (corporate social reasonability policy) rules, 2014.  <b>Hence, the condition is being complied.</b>
<b>139.</b>	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	We are complying with the environment protection measures, risk mitigation measures mentioned in EMP reports and risk assessment study.  Kindly Refer <b>Annexure 5</b> for the Sample of records and supporting photographs of safety measures taken for the same has been attached in <b>Annexure 7</b> .  <b>Hence, the condition is being complied.</b>
<b>140.</b>	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated	We assure you that earmarked adequate funds are implemented for the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated in granted EC and funds so provided will not be used to any other purpose.  <b>Hence, the condition is being complied.</b>

	herein. The funds so provided shall not be diverted for any other purpose.	
141.	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy of each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<p>We assure you that we have informed the public that the project has been accorded environment clearance by the SEIAA and that the copies of the clearance latter are available with the GPCB and may also be seen at the website of SEIAA/ SEAC / GPCB.</p> <p>Supporting details has been enclosed in <b>Annexure 8.</b></p> <p><b>Hence, the condition is being complied.</b></p>
142.	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year,	<p>We assure you that we will submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.</p> <p><b>Hence, the condition is being complied.</b></p>
143.	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.	<p>We assure you that we will not conceal factual data or submit false/fabricated data and we are aware that 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.</p> <p><b>Hence, the condition is being complied.</b></p>
144.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<p>We are complying conditions stipulated by GPCB.</p> <p><b>Hence, the condition is being complied.</b></p>
145.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	<p>We assure you that we will follow the conditions mentioned in granted EC and we are aware that the SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.</p> <p><b>Hence, the condition is being complied.</b></p>

146.	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	<p>We assure you that we are following all the conditions and we are aware that the SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.</p> <p><b>Hence, the condition is being complied.</b></p>
147.	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<p>We assure that we will inform the GPCB, regional office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and we are aware that the SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.</p> <p><b>Hence, the condition is being complied.</b></p>
148.	This environmental clearance is valid for seven years from the date of issue.	<b>Noted</b>
149.	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.	<b>Noted</b>
150.	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.	<p>We will obey the condition and we assure you that we will never submit any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.</p> <p><b>Hence, the condition is being complied.</b></p>
<b>B.3 OTHER CONDITION:</b>		
151.	Project proponent shall submit Certified Compliance Report of IRO, Gandhinagar for Existing EC obtained Within 10 days.	<b>Noted</b>
152.	Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>

153.	Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
154.	Designated key person shall submit six monthly compliance reports to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	<p>We have followed the condition as per guidelines.</p> <p><b>Hence, the condition is being complied.</b></p>
155.	The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.	<p>Noted</p> <p><b>Hence, the condition is being complied.</b></p>
156.	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	<p>Noted</p> <p><b>Hence, the condition is being complied.</b></p>
157.	Any person including the project proponent affected by this Environment Clearance order may file appeal to Honourable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.	<p>Noted</p> <p><b>Hence, the condition is being complied.</b></p>
158.	All complaints and public	Noted

	<p>grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com&amp; (b) seacgujarat@gmail.com.</p>	<p><b>Hence, the condition is being complied.</b></p>
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Date: 13/09/2023

To,  
Regional Officer,  
Ministry of Environmental and Forests,  
Regional Office,  
Aranya Bhavan, Sector 10A  
Gandhinagar – 382010

**Subject:** Submission of compliance report of Environment Clearance for the period of 1<sup>st</sup> Jan, 2023 to 31<sup>st</sup> June, 2023

**Environmental Clearance:**

- No. SEIAA/GUJ/EC/5(f)/941/2018** Granted by State Level Environment Impact Assessment Authority, Gujarat dated 11<sup>th</sup> Sept, 2018.
- No. SEIAA/GUJ/EC/5(f)/2772/2022** Granted by State Level Environment Impact Assessment Authority, Gujarat dated 22<sup>th</sup> Nov, 2022.

Respected Sir,

In concern with above subject and reference number we would like to inform you that our exiting unit **M/s. Privi Speciality Chemicals Ltd. (Unit VI)**, is located at **Plot No.765, Jhagadia Industrial Estate, Jhagadia, Bharuch** We have obtained **Environment Clearance from State Level Environment Impact Assessment Authority, Gujarat** vides latter No. **SEIAA/GUJ/EC/5(f)/941/2018 & Amendment No. SEIAA/GUJ/EC/5(f)/2772/2022** for following products:-

Sr. no.	Name of the Products	CAS / SI no.	Quantity (MT/Month)			End-use of the products *
			Existing	Proposed	Total	
1	Group A					
1.1	2,6/2,4 Xylidine	95-68-1/87-62-7	Either or all total not to exceed 300	-300	00	---
1.2	OTBCHA	88-41-5		Either or all total not to exceed 300	Either or all total not to exceed 300	Flavour and Fragrance
1.3	Phenyl ethyl acetate	103-45-7				
1.4	Fruity woody compound AG1	NA				
2.	Group B					
2.1	Dimethyl Octanol	16-21-8	Either or all total not to exceed 55	00	Either or all total not to exceed 55	Flavour and Fragrance
2.2	COL Crude	106-22-9,1335-43-9				
2.3	Rose compound AG-1	NA				
2.4	Rose compound AG-2	NA				
3	Group B2					
3.1	2,4,5 Tri Chloro Aniline	636-30-6	Either or all total	-300	00	---
3.2	PTBCHA	322210-		00	Either	Flavour and

## PRIVI SPECIALITY CHEMICALS LIMITED

(Formerly known as Fairchem Speciality Limited)

Uni VI : Plot No- 765, Road No-2, GIDC Industrial Estate, Jhagadia, Dist- Bharuch, Pin - 393 110 (GUJARAT)

Tel. : +91 2645 663300 / 226389 / 9825115899 / 9979888841 | Fax : 91 2645 226389

**Knowledge Centre & Regd. Office :** Privi House, A-71, TTC, Thane Belapur Road, Near Kopar Khairane Railway Station, Navi Mumbai - 400 709. India | Tel.: +91 22 33043500 / 33043600/ 68713200 / 27783040 / 41 / 45

Fax : +91 22 27783049 Email : [enquiry@privi.co.in](mailto:enquiry@privi.co.in) | web : [www.privico.com](http://www.privico.com) | CIN : L15140MH1985PLC286828





		23-4	not to exceed 300		or all total not to exceed 300	Fragrance
3.3	Fruity Rose Wood compound AG 1	NA				
4	Group C					
4.1	PEA	60-12-8	Either or all total not to exceed 225	00	Either or all total not to exceed 225	Intermediate
4.2	Cis-Pinane	4795-86-2				
4.3	Para-Tertiary Butyl Cyclohexanol (PTBCH)	98-52-2				Flavour and Fragrance
4.4	Ortho-Tertiary Butyl Cyclohexanol (OTBCH)	13491-79-7				
5	Menthone & Intermediate & its derivatives					
5.1	Menthone	89-80-5, 1074-95--9	200	-200	00	--
5.2	Menthol	89-78-1, 15356-70-4				
5.3	Menthyl acetate	89-48-5, 29066-34-0				
5.4	Menthyl Lactate	17162-29-7				
6.	Phenyl Ethyl Alcohol & Intermediates & its derivatives					
6.1	Styrene Oxide / Styrene Epoxide	96-9-3	400	-400	00	--
6.2	Phenyl Ethyl Alcohol	60-12-8				
6.3	Phenyl Ethyl Phenyl Acetate (PEPA)	102-20-5				
6.4	Phenyl Ethyl Methyl Ether (PEME)	3558-60-9				
6.5	Phenyl Acetaldehyde	122-78-1				
6.6	Phenyl Acetyl Dimethyl Acetal (PADMA)	101-48-4				
7.	Hydrogenation of Intermediates					
7.1	Aroma & Aromatic chemicals hydrogenation	NA	200	00	200	Flavour and Fragrance
8.	Alcohols & Intermediates & Its derivatives					
8.1	Terpin-4-ol (4-Terpineol)	562-74-3, 1336-05-6	400	-150	250	Flavour and Fragrance
8.2	Terpinolenes various grades (10 to 99)	NA				
8.3	Carvacrol	499-75-2				
8.4	Isobornyl Cyclohexanol (IBCH)	3407-42-9				
8.5	Thymol	89-83-8				

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8.6	Isocamphyl Cyclohexanol (ICCH)	66068-84-6	00	250		
9.	Aroma Chemicals & Intermediates & Its derivatives					
9.1	Terpinyl Methyl ether (TME)	14576-08-0	300	-200	100	Flavour and Fragrance
9.2	Herbather	24691-15-4				
9.3	Cedarnol	7070-15-7				
9.4	Ethyl Fruitate/ Fruberry	80657-64-3, 80623-07-0				
9.5	Ambernol	139504-68-0				
9.6	Citronellal (CAL)	106-23-0				
9.7	Citronellol (COL)	106-22-9, 1335-43-9				
9.8	Maltol	118-71-8		-300	00	--
9.9	Ethyl Maltol	11-8-4940				
10.	Galaxmusk pure & its derivatives	1222-05-5	00	400	400	Flavour and Fragrance
11.	Galaxmausk & its blends various solvents/diluents like DEP/IPM/DPG/PG Others and with aroma chemicals	---	00	300	300	Flavour and Fragrance
12.	Hydrogen Gas	---	00	35	35	Raw material
13.	Galaxmeran	33704-61-9	00	5	5	Flavour and Fragrance
14.	Galaxkone	---	00	5	5	Flavour and Fragrance
15.	Distilled Turpentine	---	00	215	215	Flavour and Fragrance
16.	Blend of Musk Fraction	---	00	133	133	Flavour and Fragrance
17.	Mixture of Terpenes	---	00	98	98	Flavour and Fragrance
18.	Saturated Mix Alcohol	---	00	27	27	Flavour and Fragrance
19.	Musky odour compound MG1	---	00	25	25	Flavour and Fragrance
20.	Dipentene	138-86-3	00	72	72	Flavour and Fragrance
21.	Acetic Acid	64-19-7	00	136	136	Raw material
<b>Total</b>			<b>2380</b>	<b>501</b>	<b>2881</b>	

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Here we are submitting Compliance Report of both Environment Clearances for the period of 1<sup>st</sup> Jan, 2023 to 30<sup>th</sup> June, 2023.

Thanking you,



Enclosures:

1. Compliance Reports for the period (1<sup>st</sup> Jan, 2023 to 30<sup>th</sup> June, 2023).
2. Copy of both Environment Clearances.

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