

## TGV SRAAC LIMITED

Sy. No. 51/1, 2A, 2B, 2C1, 2C2, 2C3, 56/1, 58/1, 59/1, 60, 62/3/2D2, 2C1/A2, 2C1/A3, 2C2/C,  
2G/1, 2E, 2F, 1A, 1B, 62A, 62 B, 63, 64, 70/C2, 72/P, GONDIPARLA VILLAGE,  
KURNOOL MANDAL AND DISTRICT, ANDHRA PRADESH

CFO Order No. APPCB/KNL/KNL/16332/CFO&HWA/HO/1987, DATE: 01.04.2021  
COMPLIANCE REPORT OF CFO (Chlor-Alkali - 520 TPD)

S.No.	Conditions	Compliance
<b>SCHEDULE A</b>		
1.	Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.	<b>Condition noted and same will be followed.</b>
2.	The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.	<b>Being Complied</b> Analysis of wastewater was being carried out in In-house laboratory and results are submitting to RO, APPCB on monthly basis.  Continuous online (24x7) monitoring system installed for 100 TPH, 110 TPH and 42 TPH and results are within standards.
3.	All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable	<b>Agreed to comply</b> Will follow rules & regulations notified by Ministry of Law and Justice. GoI regarding PLI. valid till 28.05.2024.
4.	The industry shall install display boards at outside the factory containing information related to effluent discharge, air emissions and waste generation, the format is available in the APPCB website.	<b>Complied.</b> We have displayed two sign boards (6 X 4 feet each) at the main gate indicating the products being manufactured, hazardous waste quantities generated and validity of the CFO.
5.	Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.	<b>Condition noted</b> and we will adhere revisions to the existing consent order issued by the Board from time to time.
6.	The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.	<b>Condition Noted and same will be followed.</b>
7.	The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof	<b>Complied.</b> Submitted in Form-V, dated 30.06.2023 as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
8.	The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water	<b>Complied.</b> All the applications afresh or renewal of any consents will be applied over AP Single Desk web portal.

S.No.	Conditions	Compliance
	and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board	
9.	The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes Employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board	<b>Condition Noted and same will be followed.</b>
10.	Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.	<b>Condition Noted.</b>
11.	The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue	<b>Condition Noted.</b> All necessary pollution control measures will be implemented based on the guidelines and standards prescribed by the CPCB, MoEFCC, and APPCB.
12.	The industry may explore the possibility of tapping the solar energy for their energy requirements.	<b>Complied.</b> Installed 22.52 MW solar panel based power plant to meet part of our power requirements.
13.	The industry should educate the workers and nearby public of possible accidents and remedial measures.	<b>Complied.</b> Conducting mock drills and safety training programs are conducting at regular intervals and submitted reports to the RO: Kurnool.
<b>SCHEDULE - B</b>		
1.	The industry shall comply with the following non-compliances as mentioned in the Bank Guarantee, failing which the Bank guarantee of	<b>Complied.</b>

S.No.	Conditions	Compliance
	Rs. 4 lakhs will be forfeited without any notice	
i	The industry has manufactured the hydrogen gas - 1,55,662 m <sup>3</sup> /day against the consented capacity of 25,253 m <sup>3</sup> /day and the industry shall obtain amendment for increase in production of Hydrogen gas	<b>Complied.</b> Obtained CFO for hydrogen gas of quantity 1,98,747m <sup>3</sup> /day vide order no. 1274022/APPCCB/KNL/KNL/CFO&HWA/HO/2022 dated 06.05.2022.
ii	The industry has installed new salt furnaces 55 lakhs K.cal/hr x 2 Nos. (Fuel Hydrogen), Thermo pack unit 20 lakh k.cal./hr & DG Set of Capacity 500 KVA without obtaining CFE and CFO of the Board and the industry shall obtain CFE / CFO for new salt furnace	<b>Complied.</b> Installed 2 x 15 lakh k.cal/hr salts furnaces and Thermo pack unit of capacity 20 Lakh K.Cal./hr DG Set of Capacity of capacity 500 KVA commissioned to meet power requirement during load shutdown period.

#### WATER POLLUTION

2.	<p>The project authority shall take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities mentioned below;</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No</th> <th rowspan="2">Purpose</th> <th colspan="3">Quantity (KLD)</th> </tr> <tr> <th>Chlor-Alkali</th> <th>Oil &amp; FA</th> <th>Co-gen Plant</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process &amp; Washings</td> <td>342.5</td> <td>85</td> <td>--</td> </tr> <tr> <td>2</td> <td>DM water including DM plant for regeneration water and filter back wash.</td> <td>387.5</td> <td>--</td> <td>360</td> </tr> <tr> <td>3</td> <td>Floor Washings</td> <td>40</td> <td>6</td> <td>30</td> </tr> <tr> <td>4</td> <td>Pump Gland Cooling</td> <td>60</td> <td>10</td> <td>--</td> </tr> <tr> <td>5</td> <td>Cooling make-up</td> <td>1050</td> <td>210</td> <td>6050</td> </tr> <tr> <td>6</td> <td>Domestic</td> <td>100</td> <td>6</td> <td>60</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>1980</b></td> <td><b>317</b></td> <td><b>6500</b></td> </tr> </tbody> </table>	S. No	Purpose	Quantity (KLD)			Chlor-Alkali	Oil & FA	Co-gen Plant	1	Process & Washings	342.5	85	--	2	DM water including DM plant for regeneration water and filter back wash.	387.5	--	360	3	Floor Washings	40	6	30	4	Pump Gland Cooling	60	10	--	5	Cooling make-up	1050	210	6050	6	Domestic	100	6	60		<b>Total</b>	<b>1980</b>	<b>317</b>	<b>6500</b>	<p><b>Will be complied.</b> The water consumption is not exceeding 8797 KLD as mentioned in consent. We have obtained permission from Tungabhadra River for withdraw of 20 MLD of water.</p>
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3.	The industry shall maintain properly the separate flow meters for assessing the quantity of water used for the above purposes and maintain records.	<b>Complied.</b> Provided digital water meter with totalizers at raw water sump, process, washings, cooling tower and boiler feed and domestic.																																											
4.	<p>The effluent discharged should not contain constituents in excess of the tolerance limited mentioned below;</p> <table border="1"> <thead> <tr> <th>Out-let</th> <th>Purpose</th> <th>Limiting Standards</th> </tr> </thead> <tbody> <tr> <td rowspan="7">Chlor-Alkali Plant</td> <td>Suspended Solids</td> <td>200 mg/l</td> </tr> <tr> <td>pH</td> <td>5.5 to 9.0</td> </tr> <tr> <td>Oil &amp; Grease</td> <td>10 mg/l</td> </tr> <tr> <td>BOD</td> <td>30 mg/l</td> </tr> <tr> <td>Arsenic (as As)</td> <td>0.2 mg/l</td> </tr> <tr> <td>COD</td> <td>250 mg/l</td> </tr> <tr> <td>Cyanide (as CN)</td> <td>0.2 mg/l</td> </tr> <tr> <td rowspan="7">Castor Oil &amp; Fatty Acid Plant &amp; Co-Gen Plant</td> <td>Fecal Coliform (FC)</td> <td>&lt;1000 MPN/100ml</td> </tr> <tr> <td>Suspended Solids</td> <td>200 mg/l</td> </tr> <tr> <td>pH</td> <td>5.5 to 9.0</td> </tr> <tr> <td>Oil &amp; Grease</td> <td>10 mg/l</td> </tr> <tr> <td>BOD</td> <td>30 mg/l</td> </tr> <tr> <td>COD</td> <td>250 mg/l</td> </tr> <tr> <td>Fecal Coliform (FC)</td> <td>&lt;1000 MPN/100ml</td> </tr> </tbody> </table>	Out-let	Purpose	Limiting Standards	Chlor-Alkali Plant	Suspended Solids	200 mg/l	pH	5.5 to 9.0	Oil & Grease	10 mg/l	BOD	30 mg/l	Arsenic (as As)	0.2 mg/l	COD	250 mg/l	Cyanide (as CN)	0.2 mg/l	Castor Oil & Fatty Acid Plant & Co-Gen Plant	Fecal Coliform (FC)	<1000 MPN/100ml	Suspended Solids	200 mg/l	pH	5.5 to 9.0	Oil & Grease	10 mg/l	BOD	30 mg/l	COD	250 mg/l	Fecal Coliform (FC)	<1000 MPN/100ml	<p><b>Complied.</b> Analysis of wastewater was being carried out in In-house laboratory for stipulated parameters and results are found to be within standards.</p>										
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#### AIR POLLUTION

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5.	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below;</p> <table border="1"> <thead> <tr> <th>Chimney No</th> <th>Parameter</th> <th>Emission Standard</th> </tr> </thead> <tbody> <tr> <td>1 to 6</td> <td>SPM</td> <td>115 mg/Nm<sup>3</sup></td> </tr> <tr> <td>7</td> <td>SPM</td> <td>100 mg/Nm<sup>3</sup></td> </tr> <tr> <td>8</td> <td>SPM HCl Mist Chlorine</td> <td>115 mg/Nm<sup>3</sup> 35 mg/Nm<sup>3</sup> 15 mg/Nm<sup>3</sup></td> </tr> <tr> <td>9 &amp; 10</td> <td>SPM</td> <td>115 mg/Nm<sup>3</sup></td> </tr> <tr> <td>11</td> <td>Tail Vents (Cl<sub>2</sub> &amp; HCl)</td> <td>The sniff Cl<sub>2</sub> from different chlorine handling sections is collected under suction and sent to Cl<sub>2</sub> neutralization section. The Cl<sub>2</sub> gas is scrubbed in dilute sodium Hydroxide solution in two absorption towers to make sodium Hypo chlorite. A Closed circuit scrubbing system installed to take care of any accidental leakage from chlorine storage and filling area. Cl<sub>2</sub> sensors are also provided at Cl<sub>2</sub> handling section. Water scrubber is installed to scrub the tail gas vents of HCl plant.</td> </tr> </tbody> </table>	Chimney No	Parameter	Emission Standard	1 to 6	SPM	115 mg/Nm <sup>3</sup>	7	SPM	100 mg/Nm <sup>3</sup>	8	SPM HCl Mist Chlorine	115 mg/Nm <sup>3</sup> 35 mg/Nm <sup>3</sup> 15 mg/Nm <sup>3</sup>	9 & 10	SPM	115 mg/Nm <sup>3</sup>	11	Tail Vents (Cl <sub>2</sub> & HCl)	The sniff Cl <sub>2</sub> from different chlorine handling sections is collected under suction and sent to Cl <sub>2</sub> neutralization section. The Cl <sub>2</sub> gas is scrubbed in dilute sodium Hydroxide solution in two absorption towers to make sodium Hypo chlorite. A Closed circuit scrubbing system installed to take care of any accidental leakage from chlorine storage and filling area. Cl <sub>2</sub> sensors are also provided at Cl <sub>2</sub> handling section. Water scrubber is installed to scrub the tail gas vents of HCl plant.	<p><b>Complied.</b> Continuous online (24x7) monitoring system installed for 100 TPH, 110 TPH, 42 TPH, Cl<sub>2</sub> and HCl. and results are within standards.</p> <p>Installed Chlorine and HCl sensors at storage and process area to identify any leakages.</p>
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6.	<p>The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m<sup>3</sup>; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m<sup>3</sup>; SO<sub>2</sub> - 80 mg/ m<sup>3</sup>; NO<sub>x</sub> - 80 mg/m<sup>3</sup>, outside the factory premises at the periphery of the industry.</p> <p>Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No. B-29016/20/90/PCI-I, dated 18.11.2009.</p>	<p><b>Complied.</b> Installed continuous Ambient Air Quality monitoring station and results are found to be within the NAAQ standards.</p>																		
7.	<p>The industry shall comply with the Noise Pollution (Control and Regulation) Rules, 2000 as follows;</p> <table border="1"> <thead> <tr> <th>Noise Levels</th> <th>Day Time (6AM to 10PM)</th> <th>75 dB(A)</th> </tr> </thead> <tbody> <tr> <td></td> <th>Night Time (10PM to 6AM)</th> <th>70 dB(A)</th> </tr> </tbody> </table>	Noise Levels	Day Time (6AM to 10PM)	75 dB(A)		Night Time (10PM to 6AM)	70 dB(A)	<p><b>Complied.</b> Noise level monitoring is being carried out MoEF&amp;CC recognized third party laboratory and noise levels are within the standards.</p>												
Noise Levels	Day Time (6AM to 10PM)	75 dB(A)																		
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8.	<p>The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	<p><b>Complied.</b> DG Sets stack emission parameters were carried out on quarterly basis through MoEF&amp;CC recognized third party laboratory and results are within standards.</p>																		
9.	<p>The industry shall ensure compliance of the</p>	<p><b>Complied.</b></p>																		

S.No.	Conditions	Compliance
	National Ambient Air Quality Standards issued by the ministry vide. G.S.R. No. 826(E) dated 16th November, 2009 at the boundary of the premises during construction and regular operational phase of the project.	Installed continuous Ambient Air Quality monitoring station and results are found to be within the NAAQ standards.
<b>GENERAL</b>		
10.	The industry shall not manufacture any product, other than those mentioned in this order.	<b>Condition Noted and same will be followed.</b>
11.	The industry shall maintain continuous monitoring system to air pollution control equipment and connect the data to APPCB website.	<b>Complied.</b> Continuous online (24x7) monitoring system installed for 100 TPH, 110 TPH, 42 TPH, Cl <sub>2</sub> and HCl. and results are within standards and connected to PCB server and results are within standards.
12.	The industry shall maintain closed sheds for storing of Coal, Husk and Husk ash.	<b>Complied.</b> Coal stored under shed. Ash is stored in Ash silos.
13.	The industry shall not discharge any effluents/ treated effluents outside drains.	<b>Complied.</b> No effluent is discharged outside drains premises. Total effluent is treated in ZLD system and reused.
14.	The industry should not produce beyond the permitted capacity as mentioned in this order, without obtaining prior CFE & CFO of the Board.	<b>Condition Noted and same will be followed.</b>
15.	The industry shall maintain and operate continuous temperature recorder with recording facility for recording temperature of Furnace provided for incineration of Glycerin pitch. Records shall be submitted to the RO, Kurnool.	<b>Complied.</b> Incinerator is operating under DCS system. All process parameters will be recorded and details are being submitted to RO: Kurnool.
16.	The industry shall transfer the leachate of landfill to ETP for treatment and disposal through pumping facility.	<b>Complied.</b> Leachate from landfill is sent to Brine preparation.
17.	The industry shall earmark an amount of Rs.1.29 crores per annum (i.e., 0.2% of project cost) for 10 years towards the Enterprise social responsibility (ESR) activities and spend the amount in local area.	<b>Complied.</b> Rs. 322 Lakh spent during 2022-23 towards installation of drinking RO, Health camps, education.. etc.
18.	The industry shall conduct HAZOP studies & HAZID studies and submit report to the Board regularly.	<b>Complied.</b> HAZOP study of entire complex was carried out in 2021. Quantitative Risk Assessment was carried out in 2022.
19.	The industry shall maintain peizometric wells around the secured landfill site. Proper records shall be maintained and shall submit the records to RO, Kurnool on half yearly basis.	<b>Complied.</b> Peizometric wells established around the landfill.
20.	The industry shall maintain closed sheds for storing of raw materials.	<b>Complied.</b> Raw Salts is stored under covered shed with concrete platform.
21.	The industry is permitted to store treated wastewater in guard ponds during rainy season/unavoidable circumstances only. The	<b>Complied.</b> Treated wastewater is stored in treated water storage tanks for reused.

S.No.	Conditions	Compliance
	guard pond should have proper lining away from river Tungabhadra towards northern direction.	
22.	The industry shall maintain chlorine sensors near cylinder storage and filling sections.	<b>Complied.</b> Installed 50nos. chlorine sensors at Chlorine Storage tanks; Chlorine bottling section; Hypo Plant; HCl Plant; near security gate; De-chlorination plant; Co-generation power plant and Cell House.
23.	The industry should regularly carry out ground water quality monitoring around the landfill and submit the reports every months to RO, Kurnool.	<b>Being Complied</b> Analysis of ground water near landfill was being carried out in In-house laboratory and results are submitting to RO, APPCB on monthly basis.
24.	The waste water generation for tonne of caustic soda produced should not exceed more than 1m <sup>3</sup> (Excluding cooling tower blow down).	<b>Complied.</b> The wastewater generation per ton of caustic production not exceeds 1m <sup>3</sup> .
25.	Thick green belt should be developed and maintained by the industry with tall growing trees in the vacant spaces of the unit as per the norm.	<b>Complied.</b> The green belt is developed in an area of 89.03 ha i.e., 58.42% of total area.
26.	The industry shall maintain Rain Water Harvesting structure for the percolation of rain water from the roof of the fatty acid & caustic division administration buildings.	<b>Complied.</b> 3 nos. of rain water harvesting structures are provided along the storm water drains in addition to storm water storage pond of capacity 2800 m <sup>3</sup>
27.	The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof	<b>Complied.</b> Submitted in Form-V, dated 30.06.23 as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
28.	The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:	<b>Complied.</b> All the records will be made available during site inspection.
	a Daily production details (ER-1 Central Excise Returns).	ER-1 Central Excise Returns are being maintained
	b Characteristics of effluents and emissions	In-house laboratory analytical results made available.
	c Quantity of Effluents generated, effluent evaporated in MEE, recycled/reused.	Maintenance and operation staff of ETP is maintaining records for effluents generated, evaporated, MEE condensate collection and evaporation salts generated.
	d Log Books for pollution control systems	Energy readings records of APC are made available at power plant.
	e Hazardous/non-hazardous solid waste generated and disposed	Manifest copies of hazardous waste disposed are submitting to APPCB.
	f Manifest copies of effluents/hazardous waste	Manifest copies of hazardous waste disposed are submitting to APPCB.
	g Inspection book.	Inspection Observation File is maintained
29.	The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.	<b>Will be Complied.</b>
30.	The following rules and regulations notified by the MoEF&CC, GoI shall be implemented.	<b>Being Complied as applicable.</b>

S.No.	Conditions	Compliance
	a Regulation of Persistent Organic Pollutants Rules, 2018	<b>Will be Complied.</b>
	b Hazardous waste and other wastes (Management and Trans boundary Movement) Rules, 2016	<b>Being Complied.</b>
	c Plastic Waste Management Rules, 2016	<b>Will be Complied.</b>
	d Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989	<b>Being Complied.</b>
	e Fly Ash Notification, 2016	<b>Being Complied.</b>
	f Batteries (Management & Handling) Rules, 2010	<b>Being Complied.</b>
	g E-Waste (Management) Rules, 2016	<b>Will be Complied.</b>
	h Construction and Demolition waste Management Rules, 2016	<b>Will be Complied.</b>
	i Solid Waste Management Rules, 2016	<b>Being Complied.</b>
31.	The industry shall update the information in OCEMS - Industry Information Data Entry Software for Compliance Reporting Protocol in PART-II (Sections F & G) Every Quarter on 1st January, 1st April, 1st July and 1st October through this software system.	<b>Complied.</b> Continuous online (24x7) monitoring system installed for 100 TPH, 110 TPH, 42 TPH, Cl <sub>2</sub> and HCl. and results are within standards and connected to PCB server and results are within standards.
32.	The industry shall take all safety measures and provide firefighting equipment in the plant.	<b>Complied.</b> Adequate fire-fighting systems are installed at places as per the fire safety to meet the fire accidents if any.
33.	The industry shall comply with the conditions stipulated in EC and CFE orders.	<b>Condition noted and same will be followed.</b>
34.	Any other directions/circulars/ notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.	<b>Condition noted and same will be followed.</b>
<b>SPECIAL CONDITIONS</b>		
35.	The industry shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.	<b>Complied.</b> Quantitative Risk Assessment was carried out in 2022.
36.	The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage, Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.	<b>Will be complied</b>
37.	The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment, and the details shall be furnished to the Factories Department and the Regional Office, APPCB time to time duly certifying the	<b>Complied.</b> Annual safety audit conducted during 2023 by third party and submitted the report to factories department and APPCB. HAZOP study of entire complex was carried out in 2021. Quantitative Risk Assessment

S.No.	Conditions	Compliance
	same by the industry. Further, the industry shall extend training to the working personnel while handling hazardous chemicals for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989	was carried out in 2022. Mock drills on safety are being carried out at regular intervals. Employee training program will be conducted at regular intervals on safety aspects.
38.	The industry shall extend training to the working personnel's while handling hazardous chemicals for prevention of accidents and necessary antidotes to ensure the safety, as per the MSIHC Rules, 1989.	<b>Complied.</b> Safety training programs are conducting at regular intervals for handling and storing of hazardous chemicals as per MSIHC Rules 1989.
39.	The industry shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MSIHC Rules, 1989.	<b>Complied.</b> Annual safety audit conducted during 2023 by third party and submitted the report to factories department and APPCB. HAZOP study of entire complex was carried out in 2021. Quantitative Risk Assessment was carried out in 2022.
40.	The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises	<b>Complied.</b> Calibration of chlorine sensors will be done on time to time basis.
41.	The industry shall inventory the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 (HOWM Rules, 2016) and shall furnish the details to Regional office, APPCB on a monthly basis duly certifying the same by the industry	<b>Complied.</b> Hazardous waste inventory records are being maintained and submitting to RO: Kurnool.
<b>Schedule C: Conditions of Authorization for Occupier Or Operator Handling Hazardous Waste</b>		
1.	The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under	<b>Condition Noted and same will be followed.</b> Plant head is the authorized person to comply with provisions of EPA Act 1986.
2.	The authorization shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board	<b>Complied.</b> We have obtained CFO vide order no. APPCB / KNL/ KNL/16322 / CFO& HWA/ HO/ 1987valid till 28.02.2026.
3.	The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization	<b>Condition Noted and same will be followed.</b>
4.	Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization	<b>Condition Noted and same will be followed.</b>
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which	<b>Complied.</b> Annual safety audits, HAZOP studies are



S.No.	Conditions	Compliance
	this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time	carried out by third party considering all possible scenarios such as spillages, leakages, fire etc. Mock drills on safety are being carried out at regular intervals.
6.	The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"	<b>Will be Complied.</b>
7.	It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility	<b>Condition Noted and same will be followed.</b>
8.	An application for the renewal of an authorization shall be made as laid down under these Rules	<b>Will be complied.</b> All the applications afresh or renewal of any consents will be applied over AP Single Desk web portal.
9.	Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time	<b>Condition Noted.</b>
<b>SPECIFIC CONDITIONS</b>		
10.	The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.	<b>Complied.</b> Process Organic residue sent to in-house incinerator. ETP sludge, process inorganic & evaporation salts sent to In-House secured land fill.
11.	The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.	<b>Being Complied.</b>
12.	The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Trans boundary Movement Rules, 2016)	<b>Being Complied.</b> No hazardous waste is stored at site more than 90 days.
13.	The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis	<b>Complied.</b> Used oil and batteries are sent to authorize recyclers.
14.	The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.	<b>Complied</b> Process Organic residue sent to in-house incinerator. No hazardous waste sent to cement plants.
15.	The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed	<b>Complied.</b> 7 copy manifest system for transportation of waste generated are being maintaining.

S.No.	Conditions	Compliance
	in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.	
16.	The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorization in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other waste (Management & Trans boundary Movement Rules, 2016.)	<b>Complied.</b> All the records w.r.t Hazardous and other wastes are being maintained and same will be made available at site.
17.	The project authority shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., <a href="https://pcb.ap.gov.in">https://pcb.ap.gov.in</a> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the project authority and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.	<b>Complied.</b> Submitted Six months compliance reports for the first half year by NABL accredited third party and same was uploaded at <a href="http://appcb.gov.in">appcb.gov.in</a> website.