

**CONSENT CONDITIONS AND COMPLIANCE UNDER AIR ACT- 730 MT PENTA PRODUCTION FOR THE PERIOD  
OCTOBER-2022 TO MARCH-2023  
CONSENT ORDER NO. 2208243075501, DATED: 08/08/2022.  
PROCEEDINGS NO.T3/TNPCB/F.0020CUD/RL/CUD/A/2022, DATED: 08/08/2022**

Sl No.	No.	Special Conditions	Compliance Status																												
1	1	<p>Details of the products manufactured.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sl.NO</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Quantity</th> </tr> </thead> <tbody> <tr> <td colspan="3"><b>a</b></td> </tr> <tr> <td colspan="3"><b>Main Products manufactured:</b></td> </tr> <tr> <td style="text-align: center;">1.</td> <td>Formaldehyde (100%)</td> <td style="text-align: center;">675 MT/Month</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Pentaerythritol (powder and solution form)</td> <td style="text-align: center;">730 MT/Month</td> </tr> <tr> <td colspan="3"><b>b</b></td> </tr> <tr> <td colspan="3"><b>By products manufactured:</b></td> </tr> <tr> <td style="text-align: center;">1.</td> <td>Sodium Formate (powder and solution form)</td> <td style="text-align: center;">480 MT/Month</td> </tr> </tbody> </table> <p>This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.</p>	Sl.NO	Description	Quantity	<b>a</b>			<b>Main Products manufactured:</b>			1.	Formaldehyde (100%)	675 MT/Month	2.	Pentaerythritol (powder and solution form)	730 MT/Month	<b>b</b>			<b>By products manufactured:</b>			1.	Sodium Formate (powder and solution form)	480 MT/Month	Month/ Production (MT/month)	Formaldehyde (100%)	Pentaerythritol	Sodium formate	
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1.	Sodium Formate (powder and solution form)	480 MT/Month																													
			Oct 2022	667.04	729.77	475.73																									
			Nov 2022	595.88	729.91	420.59																									
			Dec 2022	516.65	632.08	391.50																									
			Jan 2023	527.70	575.55	349.64																									
			Feb 2023	534.23	587.10	361.72																									
			Mar 2023	539.08	547.29	352.38																									
			Any change in the quantity or quality of the products will be brought to the notice																												
2	i	<p>Point source emission with stack:</p> <p>This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height must be brought to the notice of the Board and fresh consent/Amendment has to be obtained.</p>	Emission is permitted only through the stack mentioned in the Consent order and do not exceed the standard emission levels. Being Complied.																												
	ii	Fugitive / Noise emission sources.	Fugitive emissions like Tank vents are connected to Formaldehyde plant blower suction. A copy of the facility is enclosed.																												

Sl No.	No.	Special Additional Conditions	Compliance
1	1	The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.	Purchased order raised for Retrofit emission control and the trails is going on whenever come will be installed soon
	2	The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Biodiversity Board /National Biodiversity Authority if the unit is using any biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.	It is not applicable as our unit is in Sipcot Industrial Belt (notified industrial area).

**Additional Conditions**

Sl.No.	Consent Conditions	Compliance Status
1.	The unit shall operate and maintain the Air Pollution Control measures efficiently and continuously so that the emission shall satisfy the Ambient Air Quality/Emission standards prescribed by the Board.	All the Air Pollution control measures are maintained efficiently and continuously by which the Ambient air quality /Stack Monitoring Emission parameters are maintained well within the limit prescribed by the Board. (Copy of the report is enclosed)
2.	The unit shall adhere to the Ambient Air Quality/Stack Emission/ Ambient Noise Level standards prescribed by the Board.	The ambient air quality / stack emission/ambient noise level standards prescribed by the board are adhered to. Copy of the report is enclosed
3.	The unit shall conduct the Ambient Air Quality/Stack Emission/Fugitive Emission/Ambient TVOC/THC survey through MoEF approved Laboratory once in three months and furnish the report to the Board without fail.	Ambient air quality/Stack emission/Fugitive emission/Ambient TVOC/THC survey is conducted through MoEF & CC approved laboratory once in three months. A copy of the report is enclosed.
4.	The unit shall further continue to develop greenbelt inside/outside the premises of the unit.	The NAAQ station is continuously operated, and the mentioned parameters are continuously measured, monitored, and uplinked to CARE AIR center, TNPCB, Chennai.
5.	The unit shall operate and maintain the Continuous Ambient Air Quality Monitoring Station (PM2.5, PM10, SO2, NOx) continuously and ensure the connectivity without any interruption with CARE AIR	Continuous ambient air quality monitoring station (CAAQMS) with online sensors are maintained, and the values are transmitted to CARE AIR Center, Tamilnadu Pollution control Board, Chennai

	Centre, TNPC Board, Chennai.	
6	The unit shall maintain the online sensors connected with CARE AIR Centre, Tamilnadu Pollution Control Board, Chennai and upload the data without any interruption.	Online sensors are maintained, and the values are transmitted to CARE AIR Center, Tamilnadu Pollution control Board, Chennai without any interruption.
7	The unit shall operate the plant without attracting complaints from the nearby Public.	Will be complied with. Agreed upon.
8	This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.	Agreed upon.