
	<p align="center">ANDHRA PRADESH POLLUTION CONTROL BOARD Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520007. Website: www.pcb.ap.gov.in</p>	
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CONSENT TO ESTABLISH (CHANGE OF PRODUCT MIX) ORDER

Order No. 189 /APPCB/CTE/RO-NLR/HO/2011

Dt:20/08/2024

Sub: APPCB – CTE - M/s. **Bhagiradha Chemicals & Industries Ltd.**, Cheruvukommupalem (V), Ongole (M), Prakasam District – **Consent to Establish (Change of Product Mix)** of the Board under Sec.25 of Water (Prevention and Control of Pollution) Act, 1974 and under Sec.21 of Air (Prevention and Control of Pollution) Act, 1981- **Issued** - Reg.

- Ref:
1. EC order Dt: 21.10.2008 issued by MoEF&CC, GOI, New Delhi.
 2. Amendment to the EC Order Dt: 15.10.2020 issued by MoEF&CC, GOI, New Delhi.
 3. CTE order dt: 20.11.2020 issued by the Board.
 4. Renewal of CTO order dt: 11.07.2023 valid upto 02.01.2023.
 5. Industry's CTE (CPM) application received through A.P. OCMMS on 04.07.2024.
 6. Acknowledgement obtained from MoEF&CC in PARIVESH Portal dt: 12.07.2024 under No Increase in Pollution Load (NIPL)
 7. The JCEE, ZO: Vijayawada report dt: 24.07.2024.
 8. CTE Committee meeting held on 06.08.2024.
 9. Information furnished by the industry on 07.08.2024.

- M/s. Bhagiradha Chemicals & Industries Ltd., vide the reference 5th cited, submitted an application to the Board seeking Consent to Establish (CTE) for **Change of Product Mix** for Pesticide Technical & Formulations manufacturing unit to produce the products with installed capacities as mentioned below, with an additional investment of Rs. 600 Lakhs.

S.No.	Name of the Product	Starting Raw Material	Existing Qty (Kg/day)	After CPM Qty (Kg/day)
Combination-I	Chlorpyriphos or	Trichloroacetyl chloride	6000	4000
	Chlorpyriphos Methyl or	Trichloroacetyl chloride	5500	3500
	Azoxystrobin or	Orthochloro toluene	2250	1600
	Dinotefuron or	3-AMT	0	4000
	Pymetrozine or	3-cyanopyridine	0	3500
	4-amino-2,5-dimethoxy pyrimidine (4-ADMP) or	Chloro Methyl Acetate	0	1200
	Acequinocyl or	Beta-Naphthol	0	1300

	Thiamethoxam or	3-methyl-4-nitroiminotetrahydro-1,3,5-oxadiazine	0	4000
	Thiamethoxam or	Allyl chloride	0	1750
	Chlorantraniliprole or	2,3-Dichloropyridine	0	1500
	Acetamprid or	(E)-ethyl N-cyanoacetimidate	0	4000
	Indoxacarb or	Methyl(chlorocarbonyl)4-(triluromethoxy) phenyl Carbamate	0	4000
	Tebucanazole or	2-(2-(4-Chlorophenyl) ethyl)-2-(1,1-dimethylethyl)-oxirane	0	4000
	Pyrazosulfuron or	2-amino-4,6-dimethoxypyrimidine	0	4000
	Chlorantraniliprole	2-amino-5-chloro-N,3-dimethylbenzamide	0	4000
Combination -II	2,6-Dichloroaniline or	Aniline	1000	2000
	Lambda Cyhalothrin or	Cyhalothric acid	1000	1000
	Dinotefuron or	3-AMT	1000	2000
	Pyrazole or	Ethylcyanoacetate	1000	0
	Pymetrozine or	3-cyanopyridine	500	500
	Mesosulfuron or	Methanesulfunoyl chloride	1000	2000
	CAS No 247236-09-5 or	Hydrazine hydrate	0	1500
	Quinalphos or	Chloroacetic acid	0	2000
	Tembotrione	1,3-Cyclohexanedione	0	2000
Combination -III	TFMA or	3,4-dichlorobenzo trifluoride	1200	0
	Azoxystrobin or	ortho chloro benzyl cyanide	1500	2000
	4-amino-2,5-dimethoxypyrimidine(4-ADMP) or	Chloro Methyl Acetate	900	0
	Acequinocyl or	Beta-Naphthol	1000	0
	Triclopyr Technical or	Trichloroacetyl chloride	4000	3500
	Diafenthiuron or	2,6-Diisopropyl aniline	1500	3000
	Imidacloprid or	2-chloro-5-chloromethyl pyridine	2000	2000
	Thiamethoxam or	3-methyl-4-nitroiminotetrahydro-1,3,5-oxadiazine	4000	0
	Thiamethoxam or	Allyl chloride	1750	0
	Clodinafop-Propargyl or	Chloral	1000	3500
	Cloquintocet-mexyl or	2-Heptanol	900	3000
	Fluroxypyr Technical or	Pentachloro pyridine	3500	3500
	Fipronil or	3,4-dichlorobenzo trifluoride	0	1500
	Trifloxystrobin or	2-(2-(chloromethyl) phenyl)acetonitrile	0	2000
Bifenthrin or	3-(chloromethyl)-2 methyl biphenyl	0	3500	

	Thifluzamide or	4,4,4-Trifluoroacetoacetate	0	3500
	Flubendamide or	(3-iodo-2-(1,1-dimethyl-2-methylsulfinylethylaminocarbonyl)-4-heptafluoroisopropyl-2-methylbenzanilide	0	3500
	Tolfenpyrad	4-chloro-3-ethyl-1-methyl-1H-pyrazole-5-carboxylic acid	0	3000
Combination IV	Fipronil or	Carbon disulfide	1000	1900
	Sulfosulfuron or	2-amino pyridine	500	1000
	Ethiprole or	3,4-dichlorobenzo trifluoride	800	1250
	Pinoxaden or	Hydrazine hydrate	400	750
	Bispyribac or	2,6-dihydroxybenzoic acid	1000	0
	4-amino-2,5-dimethoxypyrimidine (4-ADMP) or	ChloroMethyl Acetate	0	900
	Chlorpyriphos or	Trichloroacetyl chloride	0	3000
	Dinotefuron or	3-AMT	0	3200
	Pymetrozine or	3-cyanopyridine	0	2750
	Diafenthiuron or	2,6-Diisopropyl aniline	0	3000
	Difenconazole or	2,4-Dichloroaceto phenone	0	3200
	Novaluron or	2-(Trifluoromethoxy) ethoxyaniline	0	3000
	Pyriproxyfen or	4-Phenoxyphenol	0	3200
	Sulfantrazone or	Methanesulfonyl chloride	0	3200
	Diclosulam or	2,2-dithiobis(5-ethoxy-7-fluoro[1,2,4]triazolo [1,5-c]pyrimidine)	0	3000
Trifloxystrobin(N-1)	Methyl Acetophenone	0	3000	
Combination-V	R&D and Pilot plant Products	--	0	500

Group-B

S.No.	Name of the Product	Capacity
	Emulsifiable Formulations	
1	Chlorpyriphos	5.0 KLD
2	Chlorpyriphos-Methyl	5.0 KLD
3	Triclopyr	5.0 KLD
4	Fluroxypyr	5.0 KLD
5	Imidacloprid	5.0 KLD
6	ClodinafopPropargyl	5.0 KLD
7	Fipronil	5.0 KLD
	Wettable Powder	
1	Clodinafop – 15%	5.0 TPD
	Wettable Granules	
1	Imidacloprid – 70%	5.0 TPD

2	Fipronil -80%	5.0 TPD
3	Thiamethoxam – 25%	5.0 TPD
	Suspension Concentrates	
1	Fipronil – 5%	5.0 TPD
2	Buprofezin – 25%	5.0 TPD

The industry proposed to manufacture 39 no. of Pesticide Technical Products and manufacture one product from each combination of Group-A products and one product from Group – B at any point of time. The total production will not exceed 3250 TPA as permitted in the EC order, dt. 21.10.2008.

By Products:

S.no.	By-Product	Quantity Kg/Day	Disposal	Source
1	R-Copper chloride	557	Sale	Chlorpyriphos (or)
2	Methyl Acetate	4435	Sale	Azoxystrobin
3	Acetic Acid	2959	Sale	Azoxystrobin
4	30 % Aqueous Hcl	17927	Reuse/sale	Chlorantraniliprole, CAS No. 247236-09-05, Fipronil
5	R-POCl ₃	4059	Sale	Azoxystrobin
6	20% Aqu's Ammonia	3272	Reuse/sale	Azoxystrobin, CAS No;247236-09-5, Fluroxypyr, Diafenthiuron
7	R-Sodium sulfite	4285	Sale	Azoxystrobin, Tembotrione, Clodinofof-Popargyl, Talfenpyrd
8	Spent Acid	22513	Sale	4-ADMP, 2,6 DCA, Fipronil
9	30% Aqueous HBr	7697	Reuse/sale	Chlorantraniliprole, Diafenthiuron, Difenconazole
10	36 % Aqu's Hcl	2062	Reuse/sale	2,6 DCA
11	R-Potassium sulfate	935	Sale	Diafenthiuron
12	R-Potassium Chloride	3500	Sale	Fipronil , Diafenthiuron, Difenconazole
13	R-PTSA Salt	4431	Sale	Fipronil
14	R-DMA 40%	2048	Sale	Fipronil

2. As per the application, the above activity is to be located in the existing premises at Cheruvukommupalem (V), Ongole (M), Prakasam District, in an area of 35.76 acres.

3. The industry was inspected by the SEE, ZO: Vijayawada and EE, RO: Ongole on 16.07.2024 and observed that the site is surrounded by

- North** : Yerravagu (Irrigation channel)
South : Eucalyptus plantation
East : Eucalyptus plantation
West : Yerajerla to Vengamukkalapalem Road

4. The Board, after careful scrutiny of the application and verification report of the Zonal Officer and recommendations of the CTE Committee, hereby issues **CONSENT TO ESTABLISH FOR CHANGE OF PRODUCT MIX** to the project under Section 25 / 26 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in the Annexure.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
7. This order is valid for a period of 7 years from the date of issue.

Encl: Annexure.

**B SREEDHAR IAS,
MS(BS), O/o MEMBER SECRETARY-
APPCB**

To
M/s. Bhagiradha Chemicals & Industries Ltd.,
Sy Nos.191, 213 to 217 & 220, Cheruvukommupalem (V),
Ongole (M), Prakasam District.
Email: Phani.b@bhagiradha.com

Copy to: 1. The JCEE, Z.O: Vijayawada for information and necessary action.
2. The E.E., R.O: Ongole for information and necessary action.

Annexure

1. The proponent shall obtain Consent to Establishment (CTE) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trial runs.
2. The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air Pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains. No effluents shall be discharged in to the storm water drains.

Water:

4. The source of water is Borewell and the maximum permitted water consumption is as following:

S. No	Purpose	Consumption as per CFE order dt. 20.10.2020 & CFO order dt: 03.01.2023	As per EC Amendment order dt: 15.10.2020	After change of product mix (In KLD)		
				Fresh	Recycled	Total
1.	Process & Washings	69.32 KLD (55.2 KLD Fresh+ 14.12 KLD Recycled)	Fresh water - 306.2 KLD Recycled: Utility Make-up - 125 KLD Green belt -21 KLD	55.2	14.12	69.32
2.	Boiler Feed	126 KLD (126 KLD Fresh+ 0 KLD Recycled)		126	--	126
3.	Industrial Cooling (Makeup)	184.88 KLD (74 KLD Fresh+ 110.88 KLD Recycled)		74	110.88	184.88
4.	Domestic	21 KLD (21 KLD Fresh+ 0 KLD Recycled)		21	-	21
5.	Gardening	51 KLD (30 KLD Fresh+ 21 KLD Recycled)		30	21	51
	Total	452.2 KLD (306.2 KLD Fresh+ 146 KLD Recycled)	452.2 KLD	306.2	146	452.2

*No changes in proposed water consumption for the proposed change of product mix.

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.

5. The maximum waste water generation shall not exceed the following:

S. No	Source	Quantity in KLD	
		Existing as per CFO order Dt: 02.01.2023	After change of product mix
1	Process effluents (HTDS & Low TDS Effluents)	107.92	107.92
2	Non-process (Boiler blow down & Cooling tower blow down)	44	44.0
3	Domestic	21.0	21.0
	Total	172.92	172.92

Treatment & Disposal:

Outlet No	source	Treatment	Point of Disposal
1	Process effluents (HTDS & Low TDS Effluents) - 107.92 KLD	ZLD System consists of Stripper – 2 X 100 KLD, MEE-I (3 KL/hr), MEE-II (5 KL/ Hr), AFTD – 5 X 1 KL/Hr,	<ul style="list-style-type: none"> • Shall be stripped off for organics recovery and routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL), to dispose cement plants for co-processing/ TSDF for incineration. • Stripper concentrate to MEE. • MEE concentrate to AFTD • MEE & AFTD Condensate to Biological treatment plant followed by RO. • AFTD Salts to TSDF landfill.
2	Non-process Effluents (Boiler blow down & Cooling tower blow down)- 44 KLD	Primary Clarifier, Electrooxidation Treatment Plant -150 KLD (7.5 m3/hr), RO system-200 KLD. The Electrooxidation Treatment Plant consists of Physical Screening, e-PF Reactor (electro pulse flocculator), Clarifiers, Electro Zetap Reactor (e-ZETA), Electro Catalytic Oxidation Reactor (ECOT), Aeration Tanks- 2 Nos, Clarifiers-2Nos, Pressure Sand Filter, Micron Filtration.	<ul style="list-style-type: none"> • Biological treatment plant followed by RO. • The RO permeate shall be utilized for cooling tower makeup and RO rejects shall be sent to MEE.

3	Domestic -21KLD	Sewage Treatment Plant- 50 KLD, RO system-100 KLD	<ul style="list-style-type: none"> • Sewage treatment plant(50 KLD) followed by RO (100 KLD). • The RO permeate to cooling tower makeup and RO rejects to MEE.
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6. **All the units of the effluent treatment system shall be above ground level to prevent ground water pollution.**
7. The industry shall provide digital flow meters with totalizers at the inlet and outlet of treatment systems and maintain records. The industry shall also provide magnetic flow meters with totalizers at inlet of Stripper, MEE and ATFD. Also for RO permeate & RO rejects and the same shall be connecting to APPCB website.
8. The industry shall install online real time monitoring system outlet of ETP units and web camera facilities and connect to APPCB / CPCB websites as per CPCB directions.
9. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.
10. Under any circumstances, the industry shall not be discharge any effluent outside the premises or into any water bodies or aquifers.
11. **The industry shall provide tank in tank system for effluent collection at production blocks. Free board shall be maintained in the tanks to prevent spillages.**
12. **The LTDS and HTDS effluents shall be stored in above ground level collection tanks separately and provide hood over them and the vent shall be connected to the scrubber within two months as committed.**
13. The industry shall construct rain water runoff tank for collection and storage of first flush storm water. The industry shall maintain dry condition outside drains in un rainy season.

Air:

14. The Air pollution Control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution:

S. No.	Details of Stack	Existing Stack 1	Existing Stack 2	Existing Stack 3
i.	Attached to:	FBC Boiler	FBC Boiler	D.G Sets
ii.	Capacity	12.0 TPH & (another 12.0 TPH Furnace oil Boiler as standby)	8.0 TPH (another 5.0 TPH coal fired boiler as standby)	3X500 KVA, 1 X 250 KVA, 1X 750 KVA

iii.	Name of the Fuel	Coal	Coal	Diesel
iv.	Stack height above ground(m.)	30 m.	30 m.	4x4.5m & 1X2.5m (above roof)
v.	Air Pollution Control Equipment	Mechanical Dust Collector followed by Bag Filters	Mechanical Dust Collector followed by Bag Filters	Silencers

15. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
16. The industry shall properly operate and maintain the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional officer.
17. The industry shall properly operate and maintain multi-stage scrubbers to the process vents to control the process emissions. The industry shall ensure that online pH measuring facility with auto recording system is connected to the scrubbers and the same shall be connected to APPCB Website.
18. The industry shall properly operate and maintain VOC monitoring system with auto recording facility and connect to APPCB website.
19. The industry shall implement adequate measures to control all fugitive emissions from the plant.
20. The proponent shall not use or generate odour causing substances and cause odour nuisance in the surroundings.
21. The industry shall send the used/ spent solvents to the recyclers.
22. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MOE&F, GOI vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.
23. The industry shall take appropriate measures to control odour nuisance in the surroundings and the measures taken shall be reported to Concerned Regional office of PCB before applying for CFO.
24. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB (A) during day time and 70 dB (A) during night time.

Solid / Hazardous Waste:

25. The industry shall comply with the following for disposal of Solid waste:

S. No.	Description	Stream	Quantity After CPM	Mode of disposal
1.	Process Organic Residue	29.1 of Schedule – I	1516 Kg/day	Proposed to routed through M/s. APEMC to dispose to authorized Cement industries for co-processing (or) TSDF for incineration
2.	Inorganic solid waste from process Effluent, ATFD	28.1 of Schedule – I	14364 Kg/day	Proposed to routed through M/s. APEMC so as to send to TSDF for secured land filling.
3.	ETP Sludge	35.3 of Schedule – I	25 Kg/day	Proposed to routed through M/s. APEMC to dispose to authorized Cement industries for co-processing (or) TSDF for incineration
4.	Waste Oil	5.1 of Schedule – I	1.4 L/day	Proposed to uses as lubricant within the premises (or) Shall be routed through M/s. APEMC so as to send to authorized Re-processors / Recyclers / to the Cement industries for co-processing.
5.	Date expired, discarded and off specification raw material/product	29.3 of Schedule - I	1 TPM	Shall be sent to the cement industries for co-processing or TSDF routed through APEMCL for incineration
6.	Used filters contaminated with oil	5.2 of Schedule - I	12 No./annum	Sent to authorized re-processor/recyclers/cement industries routed through APEMCL
7.	Used membranes from water treatment plant	35.2 of Schedule - I	2 TPM	Shall be sent to TSDF for land filling or to the cement industries routed through APEMCL for co-processing
8.	General waste (Insulation puff, insulation wool, used PPE,Nitrile rubber, paper waste, packing material waste)	33.2 of Schedule - I	5 TPM	Cement industries for co-processing/TSDF/Recyclers routed through APEMCL.
9.	Used Lead Acid Batteries	17 of Schedule -IV	4 Nos/Annunum	Shall be routed through APEMCL, so as to dispose the same to supplier on buyback basis.

Solid waste:

S. No	Description of the Waste	After change of product mix	Disposal Option
1.	Boiler ash	13.5 TPD	Sent to brick manufacturers

26. The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
27. Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid / hazardous waste shall be submitted to the Regional office.
28. Industry shall register with Andhra Pradesh Environment Management Corporation Ltd (APEMCL) immediately on the receipt of Consent to Establish (CTE) order for disposal of hazardous and other wastes.
29. The following rules and regulations notified by the MoEF& CC, GoI shall be implemented.
 - a. Regulation of Persistent Organic Pollutants Rules, 2018.
 - b. Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.
 - c. Plastic Waste Management Rules, 2016.
 - d. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
 - e. Fly Ash Notification, 2016.
 - f. Batteries (Management & Handling) Rules, 2010.
 - g. E-Waste (Management) Rules, 2016.
 - h. Construction and Demolition waste Management Rules, 2016.
 - i. Solid Waste Management Rules, 2016.
 - j. The Public Liability Insurance Act, 1991 and its amendments thereof.

Other Conditions:

30. The industry shall comply with following conditions:
 1. The industry shall provide flow meters section wise at Stripper outlet, MEE outlet, ETP outlet (RO inlet), RO rejects, cooling tower inlet, and boiler blow downs.
 2. The industry shall install online stack monitoring system to 8 TPH boiler, as per CPCB directions.
 3. The industry shall assess the odour concentration (in OU/m³) and VOCs and their impact in and around their premises, due to manufacturing of pesticide technical products.
 4. The industry shall follow the CPCB guidelines regarding the manufacture of by-products (i.e., sodium cyanide etc.).
 5. There is a court cases i.e., WP.No.6873 of 2023 & W.P (PIL). NO. 90 of 2022 were pending in the Hon'ble High Court, against the industry and the industry has to abide by the outcome of the court case.

31. The industry shall comply with the conditions stipulated in the EC order dt: 1.10.2008 and amendment order dt. 5.10.2020 issued by MoEF&CC, GoI, New Delhi.
32. **The industry shall comply with all the commitments submitted to the MoEF in PARIVESH Portal under No Increase in Pollution Load (NIPL).**
33. **The industry shall submit the by-products returns (generation and disposal) every month to the Regional Office. If the by-products are not sold, they shall be treated along with the effluent and disposed of through APEMCL.**
34. The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB while applying for CTO.
35. "The industry shall comply with the industry specific standards with respect to emissions tank farm vents stipulated by the MoEF & CC, GoI, New Delhi vide Notification GSR541 (E), dt.06.08.2021."

S. No.	Details of process emissions	Emission Control system	Emission Standard
1.	HCl	Multi stage scrubbers in series.	35 mg/Nm ³
2.	NH ₃		30 mg/Nm ³
3.	Chlorine		15 mg/Nm ³
4.	Benzene		5 mg/Nm ³
5.	Toluene		100 mg/Nm ³
6.	Acetonitrile		1000 mg/Nm ³
7.	Dichloromethane		200 mg/Nm ³
8.	Xylene		100 mg/Nm ³
9.	Acetone		2000 mg/Nm ³

36. The industry shall prepare risk assessment report covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
37. The proponent shall display online data outside the main factory gate on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and solid waste generated within the factory premises, as per Hon'ble Supreme Court order.
38. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.

39. The industry shall obtain policy under PLI Act before applying for CTO of the Board.
40. The industry shall obtain PESO License before applying for CTOs of the Board, if applicable.
41. Greenbelt of 33% (3359.11 Sq.Mtrs) of the total project area (10054.25 Sq.Mtrs.) shall be developed within plant premises with at least (5-10m) wide greenbelt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
42. The proponent shall achieve 100% disposal of fly ash and bottom ash as per Fly Ash Notification issued by MOE&F, GOI vide S.O.2804 (E), dated 3.11.2009.
43. The industry shall display online data outside the main factory gate on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and solid waste generated within the factory premises, as per Hon'ble Supreme Court order.
44. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
45. The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.
46. The industry shall submit risk assessment report covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
47. The industry shall obtain PESO clearance & policy under PLI Act before applying for CTO of the Board.
48. The industry shall carryout calibration of safety equipments 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.
49. The industry shall submit compliance to the conditions stipulated in the CTE orders to the concerned Regional Officer of APPCB every six months and shall upload the same at APPCB website viz., https://pcb.ap.gov.in/UI/Submission_Compliance_of_CTE_CFO_Direction.asp

50. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
51. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.
52. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under sSec.21 (4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.
53. **The proponent shall comply with the Technical suggestions at Chapter No. 7.3 & 7.4 for Hazardous Chemical handling industries by High Power Committee (HPC) of Govt. of Andhra Pradesh. The HPC report is available at www.ap.gov.in.**
54. Any persons 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 such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution)Act,1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To
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