



TGV SRAAC LIMITED

CIN : L24110AP1981PLC003077

Regd. Off. & Factory : Gondiparla, Kurnool - 518 004.A.P. INDIA

☎ 08518-280006, 280007, 280008; Fax : 08518-280098/34

E-mail: sraaclab@tgvmail.net



REF:TGVSRAAC/APPCB-EnvS/25-26

Dt. 26.06.2026

The Member Secretary,
A.P Pollution Control Board,
Paryavaran Bhavan, APIIC Colony Road,
Gurunanak Colony, Autonagar,
VIJAYAWADA

Respected Sir,

SUB :Environmental Statement for the Financial Year 2025-26 – Reg.

We are herewith enclosed duly filled in Form-IV (Filling Annual Returns) & Form-V (Environmental statement) pertaining to our industry for the financial year ending March 2026 for your kind information and record.

Thanking you,

Yours faithfully,
For TGV SRAAC LIMITED,

(C. SRINIVASA BABU)
Occupier & Executive Director (Technical)

Encl : a/a

CC :

The Environmental Engineer,
A.P. Pollution Control Board,
Paryavaran Bhavan, Regional Office
3rd Floor, Labour Colony, V.R Colony,
KURNOOL – 518 003.

Form 4

[see rules 6(5), 13(8) and 20(2)]

FORM FOR FILLING ANNUAL RETURNS

1. Name address of the facility : M/S. TGV SRAAC LIMITED, GONDIPARLA, KURNOOL, AP-518004
2. Authorization No. and date of issue : 1274022/APPCB/KNL/KNL/CTO&HWA/HO/2026
Dated: 18/06/2026
3. Name of the authorized person and full address
With telephone, fax and e mail. : Mr. C. Srinivasa Babu, 08518- 28006/7/8.
4. Production during the year (product wise) : 2025-26

Caustic Soda Plant:

S.No	Name of the Product	Units	Quantity
01	Caustic Soda Lye/Flakes	MT	297723
02	Potassium Hydroxide	MT	39965
03	Potassium Carbonate	MT	3485
04	Liquid Chlorine	MT	241368
05	Hydrochloric Acid	MT	58824
06	Barium Sulphate	MT	0
07	Bleach Liquor	MT	3509
08	Sodium Sulphate	MT	1649

Part A: To be filled by hazardous waste generated.

S.No	Total quantity of waste generated category wise	Quantity dispatched (MT)			Quantity utilized in-house, if any	Quantity in storage at the end of the year.
		To disposal facility	To recyclers or co-processors or pre-processor	Others		
1	Process Brine Sludge	2766.79				4.0
2	ETP sludge	8.9				Nil
3	Glycerine pitch (Generated in O&F div.)					Nil
4	Fatty Acid Pitch & Residue		84			Nil
5	Process (Spent catalyst)		5.7			Nil
6	Process (Spent earth)					Nil
7	Furnace oil sludge, KL					Nil
8	Waste oil, KL		1.559			Nil
9	Used Batteries, MT					Nil
10	E-waste, MT		NIL			Nil

Part B. to be filled by treatment, storage and disposal facility operators

Part C. to be filled by recycles or co-processors or pre-processor or others

Date: 26.06.2025
Place: Kurnool

Signature of the Occupier
of Operator of the disposal facility

TGV SRAAC LIMITED
(Caustic Soda Division)
ANNEXURE

ENVIRONMENTAL STATEMENT - FORM-V
(See rule 14)

Environmental Statement for the Financial Year ending MARCH 2026

PART – A

- i) Name and Address of the Occupier
Of the Industry, operation or process. : a) Mr. C. Srinivasa Babu, Occupier,
TGV SRAAC LIMITED,
GONDIPARLA,
KURNOOL - 518004 (A.P)
- b) Manufacture of Caustic soda and
Allied products, Potassium Hydroxide,
Castor oil and Fatty Acid derivatives.
- ii) Date of the last environmental audit
report submitted. : June 2025

PART – B

i) Water and Raw-material consumption:

- A) Water consumption : 5105 m³/day (including cogeneration power
and Chloromethanes plant)
- a) Process : }
- b) Cooling : } 5005 m³/day (including cogeneration power)
- c) Domestic : 100 m³/day

Name of the Products	Water consumption per unit of products during the current financial year 2025-26
1) Caustic soda lye including cooling towers	4.7 m ³ /MT
2) Castor Oil and Fatty acid derivatives	1.9 m ³ /MT
3) Cogeneration Power plant	240 m ³ /MW

ii) Raw-material consumption :

A) CAUSTIC SODA DIV. :

PRODUCTS : Caustic soda, Liquid chlorine, Hydrochloric Acid, Sodium Hypochlorite, Hydrogen gas and Barium Sulphate.

Name of Raw-material		Consumption of raw-material per unit of output during the current financial year 2025-26
a) Common salt	MT	1.54
b) Barium Carbonate	KG	Nil
c) Sodium Carbonate	KG	7.57
d) Sulphuric acid	KG	17.00
e) Coal	MT	198630

B) CASTOR OIL DERIVATIVES :

PRODUCTS : Hydrogenated Castor Oil, 12-Hydroxy Stearic acid.

RAW-MATERIALS :

a) Castor oil	MT	1.2
b) Nickel Catalyst	KG	1.15
c) Hydrogen Gas	m3	89
d) Caustic soda (92.138%)	KG	172
e) Sulphuric Acid (on 98% basis)	KG	240

(a), (b) and (c) are used in processing hydrogenated castor oil (d) and (e) are used in processing 12-Hydroxy Stearic Acid.

FATTY ACID DERIVATIVES :

PRODUCTS : Stearic acid of different grades and Glycerine.

RAW-MATERIALS :

a) PFAD and other acid oils	MT	0.943
b) Nickel Catalyst	Kg	2.97
c) Hydrogen Gas	Nm3	55

RAW-MATERIALS : GLYCERINE

a) Crude Glycerine	MT	Nil
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PRODUCTS : Soap Noodles.

RAW-MATERIALS :

a) Caustic	MT	0.123
b) Distilled Fatty Acid	MT	0.805

PART - C
Pollution Generated
(Parameter as specified in the Consent issued)

Pollutants	Qty. of pollution generated	Percentage of variation from Prescribed standards with reasons
I. Water	Caustic div. ERP O&F 232 Co-gen ERP	Below prescribed limits. " "
II. Air		
a) Caustic soda unit.	Chlorine : 0.1 – 0.17mg/Nm ³ Hypo tower outlet. Hcl vapour : <5mg/Nm ³ at Hcl Absorption tower outlet.	Below the prescribed Standards. "
b) Stack Gas :		
- HLL Boiler	SPM 60 mg/Nm ³	"
- 100 TPH Boiler	SPM 71 mg/Nm ³	"
- 110 TPH Boiler	66 mg/Nm ³	"

PART - D
HAZARDOUS WASTE
(as specified under Hazardous wastes / Management and Handling Rules, 1989)

Hazardous Wastes	Total quantity (MT)
	During the current financial year 2025-26
From Process	2766
From ETP	8.9
Spent Catalyst	5.7
Spent Earth	
Furnace oil sludge recycled	
Fly Ash from Co-gen Plant	11200

:: 4 ::

PART – E
SOLID WASTES

Total quantity (MT) :: During the current Financial year 2025-26

NIL

PART – F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- Characteristics of Hazardous Waste :

Calcium Carbonate	:	15.84	%
Magnesium Hydroxide	:	01.78	%
Acid Insoluble matter	:	31.6	%
Moisture	:	35.8	%

- Spent Catalyst :

Nickel content	:	8 – 10	%
Oil	:	25 – 40	%
Insolubles	:	8 – 10	%
Moisture	:	Rest	

- Spent Earth :

Oil	:	20 – 25	%
Insolubles	:	Rest	
Moisture	:	< 5	%

- ETP Sludge :

Calcium as CaCO ₃	:	5.0 – 6.0	%
Magnesium as Mg(OH) ₂	:	3.0 – 5.0	%
Acid Insolubles	:	80 - 90	%

- Glycerin Pitch :

Glycerin	:	12 – 20	%
Moisture	:	< 25	%
Ash	:	30 - 40	%
Mong	:	30 - 40	%

Characteristics of Solid Waste :

All the above solid wastes are classified as Hazardous waste by A.P.P.C.B., in the authorization letter issued by APPCB Ltr.No. 1274022/APPGB/KNL/KNL/CTO&HWA/HO/2026 Dated: 18/06/2026 .

- There is no generation of any other solid waste.

PART – G

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

- Recovery of Sodium Sulphate :

About 1649 MT of Anhydrous Sodium sulphate is recovered,
540200 M³ pure water recycled,
61580 M³ of High TDS effluent is recycle to Brine Plant.



(C. SRINIVASA BABU)
Occupier & Executive Director (Technical)

Form 4

[see rules 6(5), 13(8) and 20(2)]

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1. Name address of the facility : M/S. TGV SRAAC LIMITED, GONDIPARLA,
KURNOOL, AP-518004
2. Authorization No. and date of issue : 1274022/APPCB/KNL/KNL/CTO&HWA/HO/2026
Dated: 18/06/2026
3. Name of the authorized person and full address
With telephone, fax and e mail. : Mr. C. Srinivasa Babu, 08518- 28006/7/8
4. Production during the year (product wise) : 2025-26

Chloromethane Plant:			
S.No	Name of the Product	Units	Quantity
01	Methyl Chloride	MT	68492.935 (Total quantity used as a raw material for Chloromethane Products manufacturing)
02	Methylene Dichloride	MT	80983.633
03	Chloroform	MT	37563.213
By products			
04	Carbon tetra chloride	MT	3187.837
05	Hydrochloric acid (100%)	MT	37723.702

Part A: To be filled by hazardous waste generated.

S.No	Total quantity of waste generated category wise	Quantity dispatched MT			Quantity utilized in-house, if any	Quantity in storage at the end of the year.
		To disposal facility	To recyclers or co-processors or pre-processor	Others		
Chloromethane Plant:						
1	Calcium Chloride	5.710	Nil	Nil	Nil	0
2	Silica gel	0	Nil	Nil	Nil	0
3	Bottom Residue	81.520	Nil	Nil	Nil	0.5
4	Spent Sulfuric acid	11932.299	Nil	Nil	Nil	127.801

Part B. to be filled by treatment, storage and disposal facility operators

Part C. to be filled by recycles or co-processors or pre-processor or others

Date : 26.06.2026
Place: Kurnool


 Signature of the Occupier
 of Operator of the disposal facility

**TGV SRAAC LIMITED
(CHLOROMETHANE DIVISION)
ANNEXURE**

**ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)**

Environmental Statement for the financial year ending **MARCH 2026**

PART-A

Name and address of the : a) Mr. C. Srinivasa Babu, Occupier,
occupier of the TGV SRAAC Limited,
industry, operation or process. GONDIPARLA,
KURNOOL- 518004 (AP)

b) Manufacture of Chloromethane
products

ii) Date of the last environmental
Statement submitted. : June 2025

PART .B

i) Water and Raw Material Consumption:

B) Water consumption in M³/d : 1738 M³

Process : 130 M³
Cooling : 1593M³
Domestic : 15 M³

Name of the products	water consumption per unit of products during the current financial year 2025-26
1) Cooling towers	4.77 m ³ /MT
2) water for 32%HCl	90 m ³ /day
3) Scrubber	40 m ³ /day

i. Raw material consumption

Products : Methyl Chloride, Methylene Chloride, Chloroform and
carbon tetrachloride

Name of the Raw Material	units	Consumption of raw material per unit of output	
		During the previous financial year 2024-25	During the current financial year 2025-26
a) Methanol	MT	0.382	0.382
b) Chlorine	MT	1.051	1.098

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PART-C

Pollution Generated
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants generated	Percentage of variation from prescribed standards with reasons.
(I) Water	Cooling tower blowdown: 114 M3 per day (FOR BOTH UNITS)	Below prescribed limits
(II) Air a) Chloro methane unit	for 30 hours HCl : 10mg/Nm ³ CO : NIL mg/Nm ³ Total Organic Carbon :10 HF : Nil Total dioxins and furans: Nil Cd+Th+their compounds: Nil Mercury and its compounds : Nil Cd+Pb+As+Co+Cr+Cu+ Mn+Ni+V+ their compounds: Nil	Below prescribed limits Below prescribed limits Below prescribed limits

PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & Handling Rules,1989).

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PART . E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year 2024-25	During the current financial year 2025-26
	Nil	Nil

PART . F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Characteristic of hazardous waste

a) Calcium Chloride

Composition / Characteristics	percentage
Calcium Chloride	59.5 %
water	40.5%
Iron	0.004%

b) Silica gel

Composition / Characteristics	percentage
SiO ₂	95.0%
water	Rest

c) Bottom residue

Composition / Characteristics	percentage
Carbon tetrachloride	1.0 %
Heavy ends	98.0%
Moisture	0.1%

d) Carbon tetrachloride

Composition / Characteristics	percentage
Carbon tetrachloride	99.80 %

Characteristic of solid waste

All the above wastes are classified as Hazardous waste by A.P.P.C.B in the authorization letter issued by APPCB Ltr. No . 1274022/APPCB/KNL/KNL/CTO&HWA/HO/2026 dated 18.06.2026.

- There is no generation of other solid waste

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.



(C. SRINIVASA BABU)
Occupier & Executive Director (Technical)