



TGV SRAAC LIMITED

(Formerly Sree Rayalaseema Alkalies and Allied Chemicals Limited)
6-2-1012, 2nd Floor, TGV Mansion, Khairatabad, Hyderabad – 500 004,
Telangana, INDIA.

☎ 040-23313842, Fax : 040- 23313875 Email: sralkalies@tgvmail.net
CIN : L24110AP1981PLC003077



REF:TGVSL:SECL:BSE:2023-24:

September 06, 2023

The Secretary (DCS – CRD)
M/s. BSE Limited,
Phiroze Jeejeebhoy Towers,
25th Floor, Dalal Street,
MUMBAI – 400 001.

Dear Sir,

Sub: Submission of Business Responsibility and Sustainability Report (BRSR) for the Financial Year 2022-23.

Ref: (1) Regulation 34 (2)(f) of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015,
(2) Scrip Code : 507753.

Pursuant to Regulation 34(2)(f) of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we submit herewith Business Responsibility and Sustainability Report (BRSR) which forms the part of Company's 41st Annual Report for the F.Y. 2022-23.

The Business Responsibility and Sustainability Report, a part of Annual Report is also available on the website of the Company and can be accessed at: <https://tgvgroup.com/download/sraac/business-responsibility-and-sustainability-report-fy-2022-23.pdf>

We request you to kindly take the above information on record.

Thanking you,

Yours faithfully,
For **TGV SRAAC Limited**

CS V. Radhakrishna Murthy
Chief General Manager &
Company Secretary



**ANNEXURE “L” TO THE DIRECTORS’ REPORT
BUSINESS RESPONSIBILITY & SUSTAINABILITY REPORT (BRSR)**

TGVSRAAC Ltd adheres to the 9 principles of NGRBC and through its business conduct has contributed to Sustainable Development Goals (SDGs) as outlined below

Key highlights of BRSR Report:

Principle 1: Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable

The robust policy framework of the company ensures an ethical and equitable organization enabling a 100 % compliance and zero cases of corruption.

Principle 2: Businesses should provide goods and services in a manner that is sustainable and safe

The Company is driven by sustainability in all its operations.

- | The company adopts bipolar membrane technology.
- | The sound environmental practices and technology of the company contribute to reduced greenhouse gas emissions.
- | Transition to clean energy by generating solar & wind power. Hazardous Waste Management in place.

Principle 3: Businesses should respect and promote the well-being of all employees, including those in their value chains

- | 50% representation of women in the Board
- | The company ensures coverage of 100% of its permanent employees with health and accident insurance.
- | 97 training programs on occupational health, safety and skill development were organized for all categories of employees Zero number of accidents reported.

Principle 4: Businesses should respect the interests of and be responsive to all its stakeholders

The Company’s “stakeholder policy” ensures constructive engagement with its stakeholders fostering effective and enduring relationships.

Principle 5: Businesses should respect and promote human rights

The human rights policy of the company ensures

- | No child Labor
- | No cases of Harassment or discrimination.
- | 100% of permanent employees have remuneration above minimum wages.
- | 100% of permanent employees are covered under employee benefit scheme.



Principle 6: Businesses should respect and make efforts to protect and restore the environment

Company Energy focus

The company is actively prioritizing renewable energy sources like solar & wind power to achieve its energy goals.

Circular economy implementation

The salt and acids reclaimed from waste water in their plant is effectively utilized as a raw materials in one of their group companies, demonstrating a commitment to a circular economy approach.

Principle 7: Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent

The company plays a proactive role in the industry through its association with the Alkali Manufacturers Association of India (AMAI) as the member of the Executive Committee and the Technical Sub- Committee.

Principle 8:Businesses should promote inclusive growth and equitable development

Local Employment Generation

The Company contributes to local employment both directly and indirectly, benefiting a significant of 90 % local people

Social Welfare Programs

Initiatives such as supplying clean drinking water and organizing health camps have resulted in a positive impact on the community through their CSR activities.

Principle 9: Businesses should engage with and provide value to their consumers in a responsible manner

100% customer satisfaction with zero complaints Ensuring 100 % safety in usage and disposal.

BUSINESS RESPONSIBILITY & SUSTAINABILITY REPORT

Section A: General Disclosures

I. Details of the listed entity

1. Corporate Identity Number (CIN) of the Listed Entity : L24110AP1981PLC00077
2. Name of the Listed Entity : **TGV SRAAC LIMITED (formerly Known as Sree Rayalaseema Alkalies and Allied Chemicals Ltd.,)**
3. Year of incorporation : 24-06-1981
4. Registered office address : **Gondiparla, Kurnool - 518 004 (A.P)**
5. Corporate address : 40-304, 2nd Floor, Krishna Jyothsna Complex, Bhagyanagar Kurnool - 518004, A.P. India.
6. E-mail : **vemularadhakrishna@gmail.com**
karunakar@tgvmail.net
7. Telephone : **08518-289602/03, 221933/0069**
8. Website : **www.tgvgroup.com**



9. Financial year for which reporting is being done : **2022-23**
10. Name of the Stock Exchange(s) where shares are listed : **Bombay Stock Exchange**
11. Paid-up Capital : **Rs. 107.13 Crs**
12. Name and contact details (telephone, email address) of the person who may be contacted in case of any queries on the BRSR report : **Mr. C Srinivasa Babu, Executive Director (Tech.) srinivasbabu@tgvmail.net**
13. Reporting boundary : The disclosures in this report are made for TGVSRAAC Ltd on a standalone basis
 Are the disclosures under this report made on a standalone basis (i.e. only for the entity) or on a consolidated basis (i.e. for the entity and all the entities which form a part of its consolidated financial statements, taken together).

II. Products/services

14. Details of business activities (accounting for 90% of the turnover):

S. No.	Description of Main Activity	Description of Business Activity	% of Turnover of the entity
1.	TGV SRAAC LIMITED (formerly Sree Rayalaseema Alkalies and Allied Chemicals Ltd.) is the flagship company of the TGV Group. It is the leading producer of Chlor-Alkali products and manufactures Castor Derivatives and Fatty Acids.	a) Chemicals Segment: the Company manufactures Caustic Soda, Caustic Potash, Chlorine and Chloro methanes as Main Products b) Oils and Fats Segment: produce Castor Oil Derivatives, Soap Noodles, Hydroxy Stearic Acid and Glycerine	85%

15. Products/Services sold by the entity (accounting for 90% of the entity's Turnover):

S. No.	Product/ Service	NIC Code% of Turnover contributed	2020-21 (more than 10%)	2021-22 (more than 10%)	2022-23
1.	Caustic Soda Lye/ Flakes	28151110 / 288151200	39	51	55.4
2.	Caustic Potash Lye/Flakes	28152000	19	15	15
3.	Methyl Chloride	29031200	10	13	11
	Total Turnover (Rs.in Cr.)		1169.45	1775.19	2708.08



III. Operations

16. Number of locations where plants and/or operations/offices of the entity are situated

Location	Number of plants	Number of offices	Total
National	03	01	04
	1. Gondiparla, Kurnool - 518 004 (A.P). 2. Wind Farm Ramagiri, Anantapur Dist. (A.P) 3. Bellary Power Plant : Tagginabudihalli, Bellary, Karnataka.	40-304, 2nd Floor, Krishna Jyothsna Complex, Bhagyanagar, Kurnool 518004.	
Inter National			

17. Markets served by the Entity

A. Number of Locations

Locations	Number
National (No. of States)	20
International (No. of Countries)	15

B. What is the contribution of exports as a percentage of the total turnover of the entity? 20%

C. A brief on types of customers

The company's products are industrial inputs and hence majority of customers are industrial units the company hence operates a B2B marketing directly to its industrial customers and marketing and through traders for other customers.

IV. Employees

18. Details as at the end of Financial Year:

A. Employees and workers (including differently abled):

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (B)	% (B / A)
EMPLOYEES						
1.	Permanent (D)	695	695	100%	—	—
2.	Other than Permanent (E)	—	—	—	—	—
3.	Total employees(D + E)	695	695	100%	—	—
WORKERS						
1.	Permanent (F)	265	265	100%	—	—
2.	Other than Permanent (G)	113	113	100%	—	—
3.	Total employees (F+ G) (retainers)	378	378	100%	—	—



b. Employees and workers (including differently abled):

S. No.	Particulars	(A)	Male No. (B)
DIFFERENTLY ABLED EMPLOYEES			
1.	Permanent (D)		NIL
2.	Other than Permanent (E)		
3.	Total employees (D + E)		
DIFFERENTLY ABLED WORKERS			
1.	Permanent (F)		NIL
2.	Other than Permanent (G)		
3.	Total employees (F + G)		

19. Participation / Inclusion / Representation of Women

	Total (A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	06	3	50%
Key Management Personnel	33	NIL	NIL

20. Turnover rate for permanent employees and workers

	FY 2022-23			FY 2021-22			FY 2020-21		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Permanent Employees	75	-	75 (includes KIMPs and employees)	78	-	78	73	-	73
Permanent Workers	07	-	07	09	-	-	08	-	-

Note :Retainers turnover rate not taken

V – Holding, Subsidiary and Associate Companies (including Joint Ventures)

21. Names of Holding/ Subsidiary / Associate Companies / Joint Ventures

The Company is not having any Subsidiaries, Joint Ventures and Associate Companies as on 31.03.2022



VI – CSR DETAILS

22. Names of Holding / Subsidiary / Associate Companies / Joint Ventures

a. Turnover – INR 2708.1 Crs

b. Net Worth –

Networth of the company	2020-21	2021-22	2022-23
TGVSRAAC Ltd	610.21	743.51	1074.27

VII Transparency and Disclosures Compliances

23. Complaints/ Grievances on any of the Principles (principles 1 To 9) under the National Guidelines on Responsible Business Conduct

Stakeholder group from whom complaints is received	Grievance Redressal Mechanism in Place (Yes/No) (If Yes, then provide web pending grievance redress policy)	FY 2022-23 Current Financial Year		FY 2021-22 Previous Financial Year	
		Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Number of complaints filed during the year	Number of complaints pending resolution at close of the year
Communities	Yes Grievance redressal for community	NIL	NIL	NIL	NIL
Investors / shareholders	Yes Grievance redressa for Investors	NIL	NIL	03	NIL
Employees and workers	Yes Grievance redressal for employees	NIL	NIL	NIL	NIL
Customers	Yes Grievance redressal for customers				
Value Chain partners (Vendors)	Yes Grievance redressal for Value Chain Partners	NIL	NIL	NIL	NIL

Other (please specify)



24. Overview of the entity’s material responsible business conduct issues

Please indicate material responsible business conduct and sustainability issues pertaining to environmental and social matters that present a risk or an opportunity to your business, rationale for identifying the same, approach to adapt or mitigate the risk along-with its financial implications, as per the following format.

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	Incase of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
1.	International Market Volatility	Risk	Rationale is based on the impact identified as per the materiality Risk policy	Diversify markets	Negative
2.	Market changes affecting Chlorine demand	Risk	<u>Risk Management Policy</u>	Increasing production capacity of Chlorine derivatives	Negative
3.	Climate Change affecting Raw material supplies	Risk		Identify other suppliers of material	Negative



Section B: Management And Process Disclosures

This section is aimed at helping businesses demonstrate the structures, policies and processes put in place towards adopting the NGRBC Principles and Core Elements

Disclosure Questions	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	P-9
Policy and management processes 1. a. Whether your entity's policy/policies cover each principle and its core elements of the NGRBCs. (Yes)	Y	Y	Y	Y	Y	Y	Y	Y	Y
1. b. Has the policy been approved by the Board?	(Yes/No) All the policies have been approved by the Board								
1. c. Web Link of the Policies, if available	BRSR Policy – Overall Policy Vigil Mechanism Policy – Principle 1 Confidentiality Policy – Principle 1 Indiscrimination Policy – Principle 3 Stakeholder Policy – Principle 4 Anti-Sexual Harassment Policy – Principle 5 Human Rights Policy – Principle 5 Anti-Harassment Policy – Principle 5 Corporate Social Responsibility Risk Management Policy All the web links of the policies pertaining to NGRBC principles are provided in the Annexure -I								
2. Whether the entity has translated the policy into procedures. (Yes / No)	Yes All the policies have procedures for implementation								
3. Do the enlisted policies extend to your value chain partners? (Yes/No)	Yes. The company extends its quality, safety and Human Rights policy to its value chain partners								
4. Name of the national and international codes/certifications/labels/ standards (e.g. Forest Stewardship Council, Fairtrade, Rainforest Alliance, Trustea) standards (e.g. SA 8000, OHSAS, ISO, BIS) adopted by your entity and mapped to each principle.	The Company has the following certifications which reflect the company's governance and systems adhering to the principles of NGRBC a) ISO 9001:2015 b) ISO 14001:2015 c)OHSAS 1001:2007 compliant certified by DNV GL d) RSPO Supply Chain Certification Standard								



<p>5. Specific commitments, goals and targets set by the entity with defined timelines, if any.</p>	<p>TGVSRAAC are defined and stated for the FY2022-23 as presented in Annexure – II.</p> <p>Goals and Targets</p> <p>The company's goals and targets are defined based on the nature of the industry.</p>
<p>6. Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.</p>	<p>The company has achieved the targets set for year. The performance of the company against each principle is stated in Annexure III.</p> <p>Performance Indicators against specific commitments</p>
<p>7. Statement by Director responsible for TGVSRAAC is driven by the philosophy of business responsibility report, highlighting achieving growth with sustainability. The ESG related challenges, targets and company's foundation rests on the pillars of trust, achievements (listed entity has flexibility transparency and value creation leading to regarding the placement of this disclosure) sustained stakeholder relationships.</p>	<p>The Company is committed to provide a safe and healthy working environment for its employees. The company has been instrumental in the development of the region through employment generation and impactful CSR. The company 's bipolar membrane technology is a step in the direction of sustainable production and operations. The company generates solar energy as a clean energy initiative. The environmental practices adopted by the company is a testimony to its commitment to environmental protection. The company has embarked on the journey to integrate ESG into the organization culture and governance. It aims to achieve consistent ESG performance through a goal oriented approach.</p>
<p>8. Details of the highest authority responsible for implementation and oversight of the Business Responsibility policy (ies)</p>	<p>CA. K. Karunakar Rao Executive Director & CEO</p>



9. Does the entity have a specified Committee of the Board/ Director responsible for decision making on sustainability related issues? (Yes / No). If yes, provide details

The committee comprises of the following Members:

S.No.	Name	Designation	Contact No & E-mail Id
1	K.Karunakar Rao	E.D (F&C) / C.E.O	9848076501 & karunakar@tgvmail.net
2	N.Jeswanth Reddy	E.D(Tech.)	9848076507 & sraacengg@tgvmail.net
3	C.Srinivasa Babu	E.D(Tech.)	9848408419 & srinivasababu@tgvmail.net
4	P.Raghavendra Reddy	V.P(Q.A)	9848079064 & sraaclab@tgvmail.net
5	C.Rajesh Khanna	V.P(Fin & Accts)	9848145181 & csdgmf@tgvmail.net
6	V.Radhakrishna Murthy	C.G.M & Company Secretary	9848961239 & vemularadhakrishna@gmail.com
7	G.V.R.S. Sastry	C.G.M (Mech.)/M.R	6303801195 & mrsraac@tgvmail.net
8	V.Muralidhar	G.M(Q.A)	9848081519 & muralilab@tgvmail.net
9	B.B .Gantayat	Sr. G.M (Safety)	9948646468 & supremesafetys@gmail.com

10. Details of Review of NGRBCs by the Company:

Subject for Review	Indicate whether review was under taken by Director/ Committee of the board / any other committee	Frequency (Annual ly / Half yearly / Quarterly / any other - please specify)
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Performance against above policies and follow up action	The performance of the policies is undertaken by the Board Department Heads and by the relevant committee	The review is undertaken annually or as and when the need arises
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Compliance with statutory requirements of relevance to the principles, and, rectification of any non-compliances	The policies are in conformance to the prevailing statutory requirements
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11. Has the entity carried out independent assessment/ evaluation of the working of its policies by an external agency? (Yes/No). If yes, provide name of the agency.
- The performance of the policies is evaluated through the internal audit of the company. An external vendor audit by Unilever assesses the policy framework and its implementation.

12. If answer to question (1) above is “No” i.e. not all Principles are covered by a policy, reasons to be stated:

ALL PRINCIPLES ARE COVERED UNDER THE POLICIES



Section C: Principle Wise Performance Disclosure

This section is aimed at helping entities demonstrate their performance in integrating the Principles and Core Elements with key processes and decisions. The information sought is categorized as “Essential” and “Leadership”. While the essential indicators are expected to be disclosed by every entity that is mandated to file this report, the leadership indicators may be voluntarily disclosed by entities which aspire to progress to a higher level in their quest to be socially, environmentally, and ethically responsible.

PRINCIPLE 1: Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable.

ESSENTIAL INDICATORS

1. Percentage coverage by training and awareness programmes on any of the principles during the financial year:

Segment	Total number of training and awareness programmes held	Topics / principles covered under the training and its impact	%age of persons in respective category covered by the awareness programmes
Board of Directors	01	Familiarization programme	100%
Key Managerial Personnel	41	Safety and related areas	100%
		ESG and sustainability reporting	100%
		Management Related	100%
Employees and workers (other than BoD and KMPs)	170	Safety and related areas	100%
		Environment related	90%
		Management related training for employees	90%
		Work related procedures	80%

2. Details of fines / penalties /punishment/ award/ compounding fees/ settlement amount paid in proceedings (by the entity or by directors / KMPs) with regulators/ law enforcement agencies/ judicial institutions, in the financial year, in the following format (Note: the entity shall make disclosures on the basis of materiality as specified in Regulation 30 of SEBI (Listing Obligations and Disclosure Obligations) Regulations, 2015 and as disclosed on the entity’s website):



MONETARY

	Ngrbc Principle	Name of the Regulatory/ Enforcement Agencies/ Judicial Institutes	Amount (INR)	Brief of the Case	Has an Appeal Been Preferred (yes/no)?
Penalty/ Fine	NIL	NIL	NIL	—	No
Settlement	NIL	NIL	NIL	—	No
Compounding fee	NIL	NIL	NIL	—	No

NON-MONETARY

	Ngrbc Principle	Name of the Regulatory/ Enforcement Agencies/ Judicial Institutes	Amount (INR)	Brief of the Case	Has an Appeal Been Preferred (yes/no)?
Imprisonment	No	—	—	—	No
Punishment	No	—	—	—	No

3. **Of the instances disclosed in Question 2 above, details of the Appeal/ Revision preferred in cases where monetary or non-monetary action has been appealed.**

Not Applicable

4. **Does the entity have an anti-corruption or anti-bribery policy? If yes, provide details in brief and if available, provide a web-link to the policy. Yes**

The Company has Anti Bribery Policy. The Company has also adopted a Whistleblower Policy and Vigil Mechanism to provide a formal mechanism to the Directors, employees and other external stakeholders to report their concerns about unethical behavior, actual or suspected fraud or violation of the Company’s Code of Conduct. The company has established an Ethics and compliance task force to process and investigate protected disclosures. [Anti Bribery Policy](#)

5. **Number of Directors/KMPs/employees/workers against whom disciplinary action was taken by any law enforcement agency for the charges of bribery/ corruption:**

	FY 2022-23	FY 2021-22
Directors	NIL	NIL
KMPs	NIL	NIL
Employees	NIL	NIL
Workers	NIL	NIL

**6. Details of complaints with regard to conflict of interest:**

	FY 2022-23		FY 2021-22	
	Number	Remarks	Number	Remarks
Number of complaints received in relation to issues of Conflict of Interest of the Directors	NIL	NIL	NIL	NIL
Number of complaints received in relation to issues of Conflict of Interest of the KMPs	NIL	NIL	NIL	NIL

7. Provide details of any corrective action taken or underway on issues related to fines / penalties / action taken by regulators/ law enforcement agencies/ judicial institutions, on cases of corruption and conflicts of interest.

Not applicable as there are no complaints received with regard to the issues mentioned above

LEADERSHIP INDICATORS**1. Awareness Programmes Conducted for Value Chain Partners on any of the Principles During the Financial Year**

The company has provided training programmes to 5 industrial customers on safe handling of chlorine. The training covers Principles 2,3 and 6 of NGRBC. The company provides awareness on quality, environment, and safety to the suppliers during the preaudit stage of the vendor audits conducted.

2. Does the entity have processes in place to avoid/ manage conflict of interests involving members of the Board? (Yes/No) If Yes, provide details of the same.

Yes, the company's Code of Conduct for Directors outlines the principles of confidentiality, disclosure of interests and the conduct to avoid /manage conduct of interests.



Principle 2: Businesses should provide goods and services in a Manner that is Sustainable and Safe.

ESSENTIAL INDICATORS

- Percentage of R&D and capital expenditure (capex) investments in specific technologies to improve the environmental and social impacts of product and processes to total R&D and capex investments made by the entity, respectively.

	Current Financial Year 2022-23	Previous Financial Year 2021-22	Details of improvements in environmental social impacts
R&D	19.23 lakhs	23.98 lakhs	Details of Technology development and research <ul style="list-style-type: none"> • Research and Development (R & D) <ol style="list-style-type: none"> a) Experiments are in progress to recover Calcium Nitrate and Magnesium sulphate from brine sludge. b) Studies are going on for removal of TOC (Total Organic Carbon) from high TDS (Total dissolved Salt) effluent of ERP (Effluent recycling Plant) plant. • Benefits derived as a result of R&D : Use of salt recovered from manufacturing process of other group companies in brine plant of the company has been possible as a result of experiments. This has happened as a result of experimental studies and its successful implementation commercially.
CAPEX	212.98 crs	196.82 crs	

2. a. Does the entity have procedures in place for sustainable sourcing? Yes

The Supplier code policy of TGV SRAAC Ltd lays down the principles for environmental, social and Governance norms to be adopted by the suppliers to the company. A periodical assessment of the major suppliers is undertaken through an Audit on specified parameters ensuring sustainable sourcing.

b. If yes, what percentage of inputs were sourced sustainably?

The company conducts vendor audit for 100% of its major suppliers which constitutes approximately 65% of the inputs.



3. Describe the processes in place to safely reclaim your products for reusing, recycling and disposing at the end of life, for (a) Plastics (including packaging)(b) E-waste (c) Hazardous waste and (d) other waste.

(a) Plastics	The Solid waste from each department is collected and segregated (including packaging). Plastic will be sold to recyclers.
(b) E-waste	E- waste from the factory premises is collected and stored in a designated room and dispose it to authorized recyclers.
(c) Hazardous waste	HAZARDOUS WASTE DISPOSAL The hazardous waste Brine sludge (process solid waste) is disposed to company's own secured landúll within the premises and no hazardous waste is stored in the site for more than 90 days. The spent sulphuric acid is sold as by- product and Antimony pentoxide is recovered and reused.
(d) other waste	EFFLUENT TREATMENT PLANT The company treats the eúuents in the ETP through chemical precipitation, primary últration, ultra-últration and two RO Plants. The Permeate quantity is recycled into the process and the rejects are used for brine make up purpose for chloro alkali division. Treated water from domestic, castor oil and Fatty acid plant water is utilized for greenbelt development within the company premises. Sodium Sulphate Recovery: The sodium sulphate recovered from Brine using Nano últration is sold as a product.

4. Whether Extended Producer Responsibility (EPR) is applicable to the entity's activities (Yes / No). If yes, whether the waste collection plan is in line with the Extended Producer Responsibility (EPR) plan submitted to Pollution Control Boards? If not, provide steps taken to address the same.

Yes EPR is applicable to the entity. The plan and steps to address it are in the process.

**Section C: Principle Wise Performance Disclosure**

1. Has the entity conducted Life Cycle Perspective / Assessments (LCA) for any of its products (for manufacturing industry) or for its services (for service industry)? If yes, provide details in the following format?

NIC Code	Name of Product /Service	% of total Boundary for Turnover which the Life contributed Cycle Perspective / Assessment was conducted	Whether conducted by independent in external agency (Yes/No)	Results communicated public domain (Yes/No) If yes, provide the web-link.
20111	Liquid Chlorine	Cradle to Grave	Yes	No
20119	Caustic Soda Lye/Flakes	Cradle to Grave	Yes	No
20119	Potassium Hydroxide	Cradle to Grave	Yes	No
20111	Hydrogen gas	Cradle to Grave	Yes	No
20119	Bleach Liquor / Sodium Hypo chlorite	Cradle to Grave	Yes	No
20119	Sodium Sulphate	Cradle to Grave	Yes	No
20119	Methyl Chloride	Cradle to Grave	Yes	No
20119	Methylene Chloride	Cradle to Grave	Yes	No
20119	Chloroform	Cradle to Grave	Yes	No
20119	Carbon tetra chloride	Cradle to Grave	Yes	No
20112	Hydrochloric Acid	Cradle to Grave	Yes	No



2. If there are any significant social or environmental concerns and/or risks arising from production or disposal of your products / services, as identified in the Life Cycle Perspective / Assessments (LCA) or through any other means, briefly describe the same along-with action taken to mitigate the same.

Name of the product /service	Description of Risk/concern	Action Taken
Methanol	Fossil resources consumption, Air pollution, Resources loss & Ground contamination	<p>Exports are made to procure in higher capacity tankers so that large quantity is transported at once instead of multiple trips to conserve the natural resources.</p> <p>Storage tanks are provided with dyke walls to contain any accidental leaks. Soundness of storage tanks is tested periodically and monitored.</p> <p>Vent gas Condensor are provided to condense the fumes which are generated from storage tank to prevent air pollution.</p> <p>Fire hydrant sprinkling system is installed to deal with any fire emergency</p>
Methyl Chloride & chloroform	Ground contamination /Air pollution	<p>VOC monitors are installed to detect any Methyl chloride leak in order to take corrective action.</p> <p>Storage tanks are provided with dyke walls to contain any accidental leaks. Soundness of storage tanks is tested periodic ally and monitored.</p>
Hydrochloric Acid	Resources consumption Air pollution & Ground contamination	The engineering design and advanced processed technologies are adopted by TGVSRAAC to reduce the discharge/ Minimize generation and discharge of pollutants.

3. **Percentage of recycled or reused input material to total material (by value) used in production (for manufacturing industry) or providing services (for service industry).**

Not applicable. As per the nature of the industry, recycled or reused input materials cannot be used in the Manufacturing process.

4. **Of the products and packaging reclaimed at end of life of products, amount (in metric tonnes) reused, recycled, and safely disposed, as per the following format:**



TGV SRAAC advises to indigenous customers to dispose plastic Packings “Plastic Waste Management Rules 2016” published in Part II, section No. 3 Subsection (i) of Govt. of India gazette by Ministry of Environment, Forests and Climate Change.

This is notified to customers on invoices and the procedure is uploaded on our website **www.tgvgroup.com**

5. Reclaimed products and their packaging materials (as percentage of products sold) for each product category.

TGV SRAAC advises all customers to dispose the unutilized/left over material as per MSDS



PRINCIPLE 3 Businesses should respect and promote the well-being of all employees including those in their value chains

Essential Indicators

1. a. Details of measures for the well-being of employees:

Category	% of employees covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity Benefits		Day Care facilities	
		Number (B)	% (B/A)	Number (C)	% (C/A)	Number (D)	% (D/A)	Number (E)	% (E/A)	Number (F)	% (F/A)
Permanent employees											
Male	695	100%	695	100%	NA	NA	—	—	—	—	
Female	Nil	—	—	—	—	—	—	—	—	—	
Total	695	—	695	100%	—	—	—	—	—	—	

b. Details of measures for the well-being of workers:

Category	% of workers covered by										
	Total (A)	Health insurance		Accident insurance		Maternity benefits		Paternity Benefits		Day Care facilities	
		Number (B)	% (B/A)	Number (C)	% (C/A)	Number (D)	% (D/A)	Number (E)	% (E/A)	Number (F)	% (F/A)
Permanent workers											
Male	265	67 (Covered with ES1)	25.4%	265	100%	NA	NA	—	—	—	
Female	Nil	—	—	—	—	—	—	—	—	—	
Total	265	67	25.4%	265	100%	—	—	—	—	—	

Note : The company has 113 'other employees' as retainers comprising of employees and workers



2. Details of retirement benefits, for Current FY and Previous Financial Year

Benefits	FY 2022-2023 Current Financial Year			FY 2021-2022 Previous Financial Year		
	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)
PF	100% permanent employees covered	100% permanent workers covered	Yes	100% permanent employees covered	100% permanent workers covered	Yes
Gratuity- defined benefit plan with LIC	100%	100%	Yes	100%	100%	Yes
ESI	—	25%	Yes	—	25%	Yes
Others-Staff welfare expenses	a) LTA b) Medical reimbursement c) Free transportation to factory d) Advance for children's education					

3. Accessibility of workplaces: Are the premises/ offices of the entity accessible to differently abled employees and workers, as per the requirements of the Rights of Persons with Disabilities Act, 2016? If not, whether any steps are being taken by the entity in this regard.

The company's offices are equipped with facilities for differently abled employees which include RAMPS, Wheelchairs and Lifts. The company's Indiscrimination policy providing equal opportunity for all, is inclusive in its approach. The company is prepared to make available the required facilities in the event of differently abled workers/ employees joining the company.



4. Does the entity have an equal opportunity policy as per the Rights of Persons with Disabilities Act, 2016? If so, provide a web-link to the policy.

Yes. The company has an Indiscrimination policy providing fair and equal opportunity for all including the differently abled

https://drive.google.com/ùle/d/1w3i9S3h6q9YoRii8LMIQfjX0qgcsAKOY/view?usp=share_link

5. Return to work and Retention rates of permanent employees and workers that took parental leave.

The company does not have parental leave policy

6. Is there a mechanism available to receive and redress grievances for the following categories of employees and worker? If yes, give details of the mechanism in brief.

	Yes, (If Yes, then give details of the mechanism in brief)
Permanent Workers	<p>The company has grievance redressal policy and procedure in place for handling of the grievances of the employees in a prompt and fair manner .The Disciplinary and Grievance Redressal Committee is (DGRC) is constituted to investigate into the grievance and ensure resolution of the same within 45 days.</p> <p>https://drive.google.com/ùle/d/1Wa9JDRBP8PI9GRwaoX042950Fm3_YyU6/view?usp=share_link</p>
Other than Permanent Workers	
Permanent Employees	
Other than Permanent Employees	

7. Membership of employees and worker in association(s) or Unions recognized by the listed entity

The leadership and governance of the organization has promoted a culture of harmonious work environment. There is no trade union in the company and no employee or worker is a member of any trade union.



8. Details of training given to employees and workers:

Category	FY 2022-2023				FY 2021-2022					
	Total (A)	On Health and safety measures		On Skill upgradation		Total (D)	On Health and safety measures		On Skill upgradation	
		No.(B)	% (B/ A)	No.(C)	% (C /A)		No.(E)	% (E/D)	No.(F)	% (F /D)
				Employees						
Male	695	695	100%	288	41.4%	695	695	100%	159	23%
Female	—	-	-	-	-	-	-	-	-	-
Total	695	695	100%	288	41.4%	695	695	100%	159	23%
				Workers						
Male	265	190	72%	185	70%	253	177	70%	164	65%
Female	-	-	-	-	-	-	-	-	-	-
Total	265	190	72%	185	70%	253	177	70%	164	65%



9. Details of performance and career development reviews of employees and worker:

The company conducts an annual review of the performance of the employees. The performance assessment is undertaken by the supervisors/managers of the respective units through regular monitoring and observation.

10. Health and safety management system

a. Whether an occupational health and safety management system has been implemented by the entity?

Yes.

The Safety & Health Management system covers activities across all manufacturing locations and offices ensuring the protection of environment and health & safety of its employees and relevant stakeholders.

b. What are the processes used to identify work-related hazards and assess risks on a routine and non-routine basis by the entity?

1. Processes adopted to identify work related hazards

SAFETY AUDIT: The Safety Audit is carried out annually for the entire plant and other requirements of facilities in line with the requirements of IS-14489 under the following elements as per the statutory requirements.

- i) Physical Hazard
- ii) Chemical Hazard
- iii) Fire & Explosion Hazard etc.

Area wise recommendations are implemented and submitted to the statutory authorities.

SAFETY INSPECTION BY SAFETY DEPT: Safety Inspection is carried out periodically by safety departmental personnel and recommendations are implemented.

SAFETY OBSERVATION AND INTERACTION: Safety Observation is a planned pro-active two ways safety Interaction process with people at their work place to achieve positive change in people's behavior towards safety in order to: i) Recognize & reinforce safety behavior ii) Identify and correct at risk behavior iii) Engage people in interaction regarding safety issues iv) All Unsafe acts and conditions encountered at work place must be addressed and acted on immediately.

WORK PERMIT: In order to minimize the potential for harm to people and damage to environment & equipment during operations, maintenance, construction and other activities, PTW leads to ensuring the correct controls and safety precautions are in place.

HAZOP STUDY: All Hazards & Risks due to manufacturing facilities are properly identified and necessary risk reduction measures are implemented.



2. Processes for assessment of risk on routine and non-routine basis

WORK PERMIT:

- I) In order to minimize the potential for harm to people and damage to environment & equipment during operations, maintenance, construction and other activities, PTW leads to ensuring the correct controls and safety precautions are in place.
- II) All work activities are risk assessed and adequate controls are in place so that works are completed in a controlled, safe manner and without incidents
- III) Applies to activities including maintenance (Routine and Non-Routine), Construction, demolition and non-routine process operations.

HIRA (HAZARD IDENTIFICATION & RISK ASSESSMENT): DEPARTMENT WISE

c. Whether you have processes for workers to report the work related hazards and to remove themselves from such risks. (Y/N)

YES.

Processes for reporting work related hazards

SAFETY COMMITTEE:

- I The Committee is headed by E.D.(Tech) as the Chairman and Sr.GM(Safety) is the Secretary.
- II. The Safety Committee meets in every month.
- III. The Safety committee members are constituted by equal representatives from the management and workforce category.
- IV. Topics pertaining to unsafe acts and unsafe conditions are discussed in the meeting.
- V. The Safety committee recommendations are implemented as early as possible.

SAFETY OBSERVATION AND INTERACTION: Safety Observation is a planned pro-active two ways safety Interaction process with people at their work place to achieve positive change in people's behavior towards safety in order to: i) Recognize & reinforce safety behavior ii) Identify and correct at risk behavior iii) Engage people in interaction regarding safety issues iv) All Unsafe acts and conditions encountered at work place must be addressed and acted on immediately.

SUGGESTION SCHEME: Suggestion scheme has been introduced to encourage the workers to give their suggestions for improvement of safety. Suggestion boxes has been kept at appropriate locations. The suggestion report may be sent to the respective departmental heads for their comments and approval.

d. Do the employees/ worker of the entity have access to non-occupational medical and healthcare services? YES

The company operates a multi-specialty hospital with modern and advanced facilities. It offers medical services at subsidized charges.



11. Details of safety related incidents, in the following format:

Safety Incident/Number	Category	FY 2022-23	FY 2021-22
Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked)	Employees	NIL	01
	Workers	NIL	03
Total recordable work-related injuries	Employees	NIL	01
	Workers	NIL	03
No. of fatalities	Employees	NIL	NIL
	Workers	NIL	NIL
High consequence work-related injury or ill-health (excluding fatalities)	Employees	NIL	NIL
	Workers	NIL	NIL

12. Describe the measures taken by the entity to ensure a safe and healthy work place.

To ensure 100% safety and pollution control, the company is taking all possible preventive and proactive steps with the help of subject experts and outside agencies and periodical review of related committees for improvement of procedures enunciated in policies for achievement of desired objectives. The company has been awarded ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certification by renowned Institution DNV. It implies that the company is adhering to standard procedures to ensure pollution control, balance and implementation of safety related aspects. Senior level management officer with exposure and experience in these aspects is entrusted with the responsibility to ensure every minute safety and preservation of environmental ecology. To ensure safety related aspects awareness among all related stakeholders, and equip the staff with innovative and new technologies and equipment, regular mock drills and exercises were conducted and concerned technical committees hold regular meetings periodically to review and ensure full proof execution of plans and procedures for better results in these matters. Further the company is complying with all statutory and non- statutory provisions relating to safety.

13. Number of Complaints on the following made by employees and workers

	FY 2022-23			FY 2021-22		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Working Conditions		Nil			Nil	
Health & Safety		Nil			Nil	



14. Assessments for the year

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Health and safety practices	100%
Working Conditions	100%

15. Provide details of any corrective action taken or underway to address safety-related incidents (if any) and on significant risks / concerns arising from assessments of health & safety practices and working conditions.

All incidents are investigated by the safety team. All critical factors involved in an incident are determined through root cause analysis & investigation and corrective / preventive actions are identified to prevent recurrence. The detailed investigation and root causes identified by the safety team are reviewed by the Senior Management.

Incident Reports in Form No. 16 of ESI Act and Form 18 of AP factories rules are being maintained and perused for capturing incidents, such as, property damage and physical injury. It was observed that even near misses or no injury incidences are documented for pro-active prevention of serious potential incidents and these to be investigated to the root cause. Also, the recorded investigation results are to be analyzed by adopting a quality tool to know the root cause and trends may be generated for easy reference and for initiating further action, to avoid recurrence. All the required formats for accident reporting are being maintained.

LEADERSHIP INDICATORS

1. Does the entity extend any life insurance or any compensatory package in the event of death of (A) Employees (Y/N) (B) Workers (Y/N).

Yes . The company extends the EDLI scheme to all its permanent employees and workers .

2. Provide the measures undertaken by the entity to ensure that statutory dues have been deducted and deposited by the value chain partners.

The Company monitors remittance of statutory dues by value chain partners as part of processing their bills on a regular basis.

3. Provide the number of employees / workers having suffered high consequence work related injury / ill-health / fatalities, who have been are rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment:

Employees & workers	Total no. of affected employees/ workers		No.of employees/workers that are rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment	
	FY 2022-23	FY 2021-22	FY 2022-23	FY 2021-22
1073	Nil	Nil	Nil	Nil



4. Does the entity provide transition assistance programs to facilitate continued employability and the management of career endings resulting from retirement or termination of employment?

Not Applicable

5. **Details on assessment of value chain partners:**

The company has initiated the audit of value chain partners which includes suppliers and customers. The scope of the vendor (supplier) audit includes quality, safety, and human rights aspects.

6. **Provide details of any corrective actions taken or underway to address significant risks / concerns arising from assessments of health and safety practices and working conditions of value chain partners – OHSAS Report**

Not Applicable

PRINCIPLE 4: Businesses should respect the interests of and be responsive to all its stakeholders

ESSENTIAL INDICATORS

1. **Describe the processes for identifying key stakeholder groups of the entity.**

The company identifies its key stakeholders, on the basis of the degree of impact of the stakeholder on the company's activities, operations, profitability and growth. The internal and the external processes together help in identifying the key stakeholder. The key stakeholders of the company are the Government and the Regulatory bodies, Customers, Investors and the community.

2. **List stakeholder groups identified as key for your entity and the frequency of engagement with each stakeholder group**

Stakeholder Group	Channels of communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community Meetings, Notice Board, Website), Other	Frequency of engagement (Annually/Half yearly/ Quarterly/ others	Purpose and scope of engagement key topics and concerns raised during such engagement
Employees	Meetings and Emails Training programmes & workshops Participative engagement Grievance Redressal	Regular	Employee well being skill development Health & Safety Rewards and recognitions Employee satisfaction
Shareholders and investors	Annual General Meeting Annual Report Information through Website Grievance redressal mechanism	Annually	Performance and growth of the company Transparent communication Investor relationships
Customers	Emails and meetings Customer feedback Plant Visits Grievance Redressal Mechanism	Regular	Quality & Safety Timely delivery of product and services Customer relationship



Suppliers	Meetings and Emails Plant visit Interactions during the course of business	Regular	Effective supplier relationships Regular communication and updates Training
Community	CSR projects and activities Interactions by the CSR Team	Regular	Social Responsibility Human resource Development through Health & education Women Empowerment Regional development through employment and skill development
Government and regulatory bodies	Direct and indirect interaction Inspection/ audit Statutory reports	Annual/Regular	Compliance Sound Corporate Governance Transparency

LEADERSHIP INDICATORS

- 1. Provide the processes for consultation between stakeholders and the Board on economic, environmental, and social topics or if consultation is delegated, how is feedback from such consultations provided to the Board.**

The Management of the Company interacts regularly with key stakeholders i.e. investors, government customers, suppliers, employees, etc. The Company has established mechanism for stakeholder engagement. Any concerns arising are reported to the Sustainability Committee. The Committee updates the Board on key issues and initiates necessary action.

- 2. Whether stakeholder consultation is used to support the identification and management of environmental, and social topics**

YES. The mechanisms established for stakeholder engagement provide insights and inputs into the environmental and social concerns. Stakeholder consultation is an integral part of the company in planning and implementation of environmental and societal activities. The materiality policy of the company helps in identifying key stakeholders and any material risk.

PRINCIPLE 5 Businesses should respect and promote human rights

ESSENTIAL INDICATORS

- 1. Employees and workers who have been provided training on human rights issues and policy(ies) of the entity, in the following format:**

The company has a Human Rights policy and ensures no discrimination and Child labour in its factory and office. There is no specific training programme on human rights issues.



2. Details of minimum wages paid to employees and workers, in the following format:

Category	FY 2022-23					FY 2021-22				
	Total (A)	Equal to Minimum Wage		More than Minimum Wage		Total (D)	Equal to Minimum Wage		More than Minimum Wage	
		No.(B)	% (B/ A)	No. (C)	% (C /A)		No.(E)	% (E/ D)	No. (F)	% (F/D)
EMPLOYEES										
<i>Permanent</i>										
Male	695	—	—	695	100%	657	—	—	657	100%
Female										
<i>Other Permanent</i>										
Male										
Female										
WORKERS										
Male	265	—	—	198	74.7%	253	67	27%	186	73%
Female	Nil	—	—	Nil	Nil	Nil	Nil	Nil	Nil	Nil

3. If so, provide details of instances as to how the inputs received from stakeholders on these topics were incorporated into policies and activities of the entity.

- a) **Government/ Regulatory bodies** : Compliance based on audits (links of reports)
- b) **Suppliers** : Vendor audits and training on safety aspects
- c) **Customers**: Customer Audit and compliance
- d) **Employees**: Employee wellbeing, Safety assurance, anti discrimination and anti harassment policy

4. Provide details of instances of engagement with, and actions taken to, address the concerns of vulnerable/ marginalized stakeholder groups.

The company engages with the marginalized sections as a part of its community engagement.

5. Details of remuneration/salary/wages, in the following format: For 2022-23

	Male		Female	
	Number	Median remuneration/ salary/ wages of respective category	Number	Median remuneration/ salary/ wages of respective category
Board of Directors (BoD)	06	Rs. xxxxxx		
Key Managerial Personnel	05	Rs.81,188		
Employees other than BoD and KMP	690	Rs.39,557		
Workers	265	Rs.29,059		



4. Do you have a focal point (Individual/ Committee) responsible for addressing human rights impacts or issues caused or contributed to by the business? (Yes/No)

Yes

5. Describe the internal mechanisms in place to redress grievances related to human rights issues.

The mechanism to redress grievances related to human rights issues is stated in the Human rights policy https://drive.google.com/ùle/d/1rnEjw_Fj61qWtobqF5HKiGBMyZmgc606/view?usp=share_link

6. Number of Complaints on the following made by employees and workers:

	FY 2022-23			FY 2021-22		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Sexual Harassment	NIL	NIL		NIL	NIL	
Discrimination at work place						
Child Labour	NIL	NIL		NIL	NIL	
Forced Labour / Involuntary Labour	NIL	NIL		NIL	NIL	
Wages						
Other human rights related issues	NIL	NIL		NIL	NIL	

7. Mechanisms to prevent adverse consequences to the complainant in discrimination and harassment cases.

The Anti-discrimination and anti-harassment policy and procedure clearly state the penal action which would be taken in case of any harm or threat to the complainant.

[Indiscrimination Policy](#)

[Anti-Sexual-Harassment-Policy](#)

8. Do human rights requirements form part of your business agreements and contracts? (Yes/ No) No

9. Assessments for the Year

% OF YOUR PLANTS AND OFFICES THAT WERE ASSESSED (BY ENTITY OR STATUTORY AUTHORITIES OR THIRD PARTIES)

No Assessment of human rights issues is undertaken. However, the company has ensured no child labour and minimum wages.

**10. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 9 above.**

There has been no reported violation of human rights issue

LEADERSHIP INDICATORS**1. Details of a business process being modified / introduced as a result of addressing human rights grievances/complaints.**

No such grievances/complaints on Human Rights violations

2. Details of the scope and coverage of any Human rights due-diligence conducted.

Not undertaken

3. Is the premise/office of the entity accessible to differently abled visitors, as per the requirements of the Rights of Persons with Disabilities Act, 2016?

Most of our offices are accessible to Persons with Disability

4. Details on assessment of value chain partners

The supplier code of the company ensures no child labour in the supplier's business operations

5. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 4 above.

The risks are not being identified as there is no formal assessment of the human rights by the value chain partners.

PRINCIPLE 6: Businesses should respect and make efforts to protect and restore the environment**ESSENTIAL INDICATORS****1. Details of total energy consumption (in Joules or multiples) and energy intensity, in the following format:**

Category	FY 2022-23 (KJ)	FY 2021-22 (KJ)
Total electricity consumption (A)	2664628117200	25273245024
Total fuel consumption (B)	225190.8	195454.8
Energy consumption through other sources (C)	-	-
Total energy consumption (A+B+C)	2664628342390.8	2527324697869.2
Energy intensity per rupee of turnover (Total energy consumption / turnover in rupees)	98.39	142.37

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.



2. Does the entity have any sites / facilities identified as designated consumers (DCs) under the Performance, Achieve and Trade (PAT) Scheme of the Government of India? (Y/N) If yes, disclose whether targets set under the PAT scheme have been achieved. In case targets have not been achieved, provide the remedial action taken, if any.

Yes.

3. Provide details of the following disclosures related to water, in the following format

Parameter	FY 2022-23	FY 2021-22
Water withdrawal by source (in kilolitres)		
(i) Surface water	—	—
(ii) Groundwater	—	—
(iii) Third party water	—	—
(iv) Seawater / desalinated water	—	—
(v) Others (Sub-Surface Water from the River)	18,65,121	27,80,104
Total volume of water drawn(in kiloliters) (i + ii + iii + iv + v)	18,65,121	27,80,104
Total volume of water drawn(in kiloliters)		
Water intensity per rupee of turnover (Water consumed / turnover)	0.00006887	0.000157

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

NO. We have carried out internally

4. Has the entity implemented a mechanism for Zero Liquid Discharge? If yes, provide details of its coverage and implementation.

Total effluent generated from different industrial operations is estimated to be 1754 KLD, which will be taken to the Effluent Treatment plant for treatment. The treated water shall be reused for process units and greenbelt development. There will be no discharge of treated/untreated waste water from the unit, and thus conforming to Zero Liquid Discharge. from Chloro Alkali, Chloromethanes Plant and Co- generation Thermal Power plant.



5. Please provide details of air emissions (other than GHG emissions) by the entity, in the following format:

Parameter	Please specify unit	FY 2022-23	FY 2021-22
NOx	mg/Nm3	17.4	18.0
SOx	mg/Nm3	22.0	23.6
Particulate matter (PM)	mg/Nm3	54.9	64.9
Others	- please specify (HCL)	mg/Nm3	10.0

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency. **NO-Air emissions are directly reported through OEMS – Online Emission Monitoring Systems connected to CPCB server.**

6. Provide details of greenhouse gas emissions (Scope 1 and Scope 2 emissions) & its intensity, in the following format:

Assessment is in progress

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency. – Assurance has been carried out by external agency SSMNTPL

7. Does the entity have any project related to reducing Green House Gas emission? If Yes, then provide details.

We have commissioned 22.75 MW Solar Power generation, 5 MW Wind power and also having share in the A.P Gas Power Corporation. No other projects exclusively to reduce greenhouse gases.



8. Provide details related to waste management by the entity, in the following format:

Parameter	FY 2022-23	FY 2021-22
Total Waste generated (in metric tonnes)		
Plastic waste (A)	98.00	54.53
E-waste (B)	1.66	---
Bio-medical waste (C)	0.0154	0.0168
Construction and demolition waste (D)	---	---
Battery waste (E)	11.57	5.28
Radioactive waste (F)	NIL	NIL
Other Hazardous waste. Please specify, if any (Brine Sludge) (G)	3980	2210
Other Non-hazardous waste generated (H) <i>Please specify, if any. (Break up by composition i.e. by materials relevant to the sector)</i>		
Total (A+B + C + D + E + F + G + H)	4091.25	2269.83
For each category of waste generated, total waste recovered through recycling, re using or other recovery operations (in metric tonnes)		
Category of waste	FY 2022-23	FY 2021-22
(i) Recycled	NA	NA
(ii) Re-used	NA	NA
(iii) Other recovery operations	1392	1316
Total		
For each category of waste generated, total waste disposed by nature of disposal method (in metric tonnes)		
Category of waste	FY 2022-23	FY 2021-22
(i) Incineration	62.787	31.177
(ii) Landfilling	3980	2210
(iii) Other disposal operations	<ul style="list-style-type: none"> ✓ Process Organic residue sent to-in house incinerator. ETP sludge, process inorganic & evaporation salts sent to In-House secured land fill. ✓ The permeate is being reused as process water in place of river water and rejects will be used for preparation of Brine solution. ✓ All the records w.r.t Hazardous and other wastes are being maintained and same will be made available at site. 	
Total		



Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency. No

9. Briefly describe the waste management practices adopted in your establishments. Describe the strategy adopted by your company to reduce usage of hazardous and toxic chemicals in your products and processes and the practices adopted to manage such wastes.

- 1. TGV SRAAC are procuring Gujarat origin salt instead of south India salt. There is a reduction of 50% solid waste by using Gujarat salt against salt from South India which contains more impurities.
- 2. TGV SRAAC have installed sulphate recovery plant. With this plant, further reduction in solid waste generation and producing saleable anhydrous sodium sulphate around 4 to 5MT/day

10. If the entity has operations/offices in/around ecologically sensitive areas (such as national parks, wildlife sanctuaries, biosphere reserves, wetlands, biodiversity hotspots, forests, coastal regulation zones etc.) where environmental approvals / clearances are required, please specify details in the following format:

No ecologically sensitive areas in and around of the project site however the project falls under EIA regulations and have obtained all environmental approvals and compliances.

S. No.	Location of operations/ offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N) If no, the reasons thereof and corrective action taken, if any.
1.	Gondiparla (V), Kurnool (M), Kurnool District	Chlor-Alkali Plant and Synthetic Organic Chemicals (Chloromethanes/ Chloro- difluoromethane)	Yes

11. Details of environmental impact assessments of projects undertaken by the entity based on applicable laws, in the current financial year:

Not Applicable

12. Is the entity compliant with the applicable environmental law/ regulations/ guidelines in India; such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, environment protection act and rules thereunder (Y/N). If not, provide details of all such non-compliances, in the following format:

Yes, the entity complied with the applicable environmental law/ regulations/ guidelines in India; such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, Environment protection act and rules

EC : <https://www.tgvgroup.com/download/sraacl/1.-EC-%202018.pdf>

CFE : <https://www.tgvgroup.com/download/sraacl/3.-CFE-2022-emended.pdf>

CFO: <https://www.tgvgroup.com/download/sraacl/9.-CFO-220-22.pdf>

**LEADERSHIP INDICATORS**

1. Provide break-up of the total energy consumed (in Joules or multiples) from renewable and non-renewable sources, in the following format:

Parameter	FY 2022-23 (GJ)
From renewable sources (solar + wind)	83979.3132
Total electricity consumption (A)	
Total fuel consumption (B)	
Energy consumption through other sources ©	
Total energy consumed from renewable sources (A+B+C)	83979.3132
From non-renewable sources	
Total electricity consumption (D)	2030832
Total fuel consumption (E)	Coal-125433391.1
	FO-261721752
	H2 - 17534407617
Energy consumption through other sources (F)	
Total energy consumed from non-renewable sources (D+E+F)	17923593592

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.



2. Provide the following details related to water discharged:

Parameter	FY 2022-23	FY 2021-22
Water discharge by destination and level of treatment (in kilolitres)		
(i) To Surface water	Nil	Nil
- No treatment		
-With treatment-please specify level of treatment		
(ii) To Groundwater	Nil	Nil
-No treatment		
-With treatment-please specify level of treatment		
(iii) To Seawater	Nil	Nil
- No treatment		
-With treatment-please specify level of treatment		
(iv) Sent to third-parties	Nil	Nil
- No treatment		
-With treatment-please specify level of treatment		
(v) Others		
-No treatment		
-With treatment-please specify level of treatment	Effluent generated from Chloro Alkali, Chloromethanes and Co-generation plant are treated in ERP and Recycled. Effluent generated from domestic, castoroil derivatives and fatty acid derivatives treated through activated sludge process and treated eūuent is used for green belt development in the company premises	
Total water discharged (in kilolitres)		

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

3. Water drawn, consumption and discharge in areas of water stress (in kilo liters): For each facility/ plant located in areas of water stress, provide the following information:

- (i) Name of the area: Gondiparla, Kurnool
- (ii) Nature of operations: It is the leading producer of Chlor-Alkali products and manufactures Castor Derivatives and Fatty Acids.



(iii) Water drawn, consumption and discharge in the following format

Parameter	FY 2022-23	FY 2021-22
Water withdrawal by source (in kilolitres)		
(i) Surface water		
(ii) Ground water		
(iii) Third party water		
(iv) Seawater / desalinated water		
(v) Others (sub surface water from river)	18,65,121	27,80,104
Total volume of water withdrawal (in kilolitres)		
Total volume of water consumption (in kilolitres)		
Water intensity per rupee of turnover (Water consumed / turnover)		
Water intensity (optional) - the relevant metric may be selected by the entity		
Water discharge by destination and level of treatment (in kilolitres)		
(i) To Surface water	NA	NA
-No treatment		
-With treatment - please specify level of treatment		
(ii) To Groundwater	NA	NA
-No treatment		
-With treatment - please specify level of treatment		
(iii) To Seawater	NA	NA
-No treatment		
-With treatment - please specify level of treatment		
(iv) Sent to third-parties	NA	NA
- No treatment		
-With treatment - please specify level of treatment		
(v) Others	NA	NA
-No treatment		
-With treatment - please specify level of treatment		
Total Effluent water discharged (in kilolitres)	NIL	

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency - NO



4. Please provide details of total Scope 3 emissions & its intensity, in the following format:

Not available. Independent Assessment is in the process

5. With respect to the ecologically sensitive areas reported at Question 10 of Essential Indicators above, provide details of significant direct & indirect impact of the entity on biodiversity in such areas along-with prevention and remediation activities.

No Ecologically sensitive areas are reported

6. If the entity has undertaken any specific initiatives or used innovative technology or solutions to improve resource efficiency, or reduce impact due to emissions / effluent discharge / waste generated, please provide details of the same as well as outcome of such initiatives, as per the following format:

Sr. No.	Initiative undertaken	Details of the initiative (Web-link, if any, may be provided along-with summary)	Outcome of the initiative
1.	Sulphate recovery plant.	Details of initiative attached as Annexure IV	With this plant, further reduction in solid waste generation and producing saleable anhydrous sodium sulphate around 4 to 5MT/day.

7. Does the entity have a business continuity and disaster management plan? Give details in 100 words/ web link.

Yes. Disaster management Plan provided in Annexure - V

8. Disclose any significant adverse impact to the environment, arising from the value chain of the entity. What mitigation or adaptation measures have been taken by the entity in this regard.

Evaluation in progress

9. Percentage of value chain partners (by value of business done with such partners) that were assessed for environmental impacts.

Evaluation in progress



PRINCIPLE 7: Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent

ESSENTIAL INDICATORS

1. a. Number of affiliations with trade and industry chambers/ associations.
- b. List the top 10 trade and industry chambers/ associations (determined based on the total members of such body) the entity is a member of/ affiliated to.

S. No.	Name of the trade and industry chambers/ associations	Reach of trade and industry chambers/ associations(State/ National)
1.	Member of Alkali Manufacturers Association of India (Member of Executive Committee) (Member –Technical Sub-Committee)	National

2. Provide details of corrective action taken or underway on any issues related to anti- competitive conduct by the entity, based on adverse orders from regulatory authorities.

Not Applicable

LEADERSHIP INDICATORS

1. Details of public policy positions advocated by the entity

Public policy advocated	Method resorted for such advocacy	Whether information available in public domain (Y/N)	Frequency of review by Board Annually/ half yearly/ quarterly
Delisting of HCL as effluent generated from CPW unit	AMAI	YES	Quarterly

PRINCIPLE 8: Businesses should promote inclusive growth and equitable development

ESSENTIAL INDICATORS

1. Details of Social Impact Assessments (SIA) of projects undertaken by the entity based on applicable laws, in the current financial year.

Name and brief details of project	SIA Notification No.	Date of notification	Whether conducted by independent external agency (Yes /No)	Results communicated in public domain (Yes / No)	Relevant Web link
			No	No	



2. Provide information on project(s) for which ongoing Rehabilitation and Resettlement (R&R) is being undertaken by your entity, in the following format:

Not applicable

3. Describe the mechanisms to receive and redress grievances of the community.

The Company has set up a framework of multiple mechanisms to receive and redress grievances, for the community. The stakeholder shares a proposal with the needs required. The Company then follows below steps:

- a. Need Assessment: At the first stage, the proposal is reviewed to assess the need and the proposed outcome and impact. The implementing agency is reviewed for the fulfilment of regulatory criteria and prior experience in working for a similar cause.
- b. Regular interactions with community: This is done by physical visits, virtual meetings, feedbacks review of outcomes, third party reports, photos, etc redress
- c. In case there is a grievance and can be resolved by the Company, the proposal accounts for this in scope of work and approvals are taken and action is taken.

3. Percentage of input material (inputs to total inputs by value) sourced from suppliers:

Under the Micro, Small and Medium Enterprises Development Act, 2006 and in accordance with the notification issued by the Ministry of Corporate Affairs, certain disclosures are required to be made relating to Micro, Small and Medium Enterprises as defined in the said Act. The company is in the process of compiling the relevant information from its suppliers about their coverage under the said Act and hence required disclosures made to the extent available.

Need to discuss	FY 2022-23	FY 2021-22
Directly sourced from MSMEs / small producers	2553.8 Lakhs	1778.38Lakhs
Sourced directly from within the district and neighboring districts	1165.70 Lakhs	1205.24 Lakhs

LEADERSHIP INDICATORS

1. Provide details of actions taken to mitigate any negative social impacts identified in the Social Impact Assessments (Reference: Question 1 of Essential Indicators above):

No such negative social impacts were identified

2. Provide the following information on CSR projects undertaken by your entity in designated aspirational districts as identified by government bodies:

S. No.	State	Aspirational District	Amount spent (In INR)
1	Andhra Pradesh	Kurnool District	Amount in Rs: 322.82 Lakhs



3. a. Do you have a preferential procurement policy where you give preference to purchase from suppliers comprising marginalized /vulnerable groups? (Yes/No)

Consumption of resources by the Company is limited to running its operations. The Company believes in equal and fair opportunity to all vendors including marginalized /vulnerable groups.

b. From which marginalized /vulnerable groups do you procure?

Not Available

c. What percentage of total procurement (by value) does it constitute?

Not Available

4. Details of the benefits derived and shared from the intellectual properties owned or acquired by your entity (in the current financial year), based on traditional knowledge:

S. No.	Intellectual Property based on traditional knowledge	Owned/ Acquired (Yes/No)	Benefit shared (Yes / No)	Basis of calculating benefit share
NIL				

5. Details of beneficiaries of CSR Projects:

The CSR activities are conducted in the villages adjoining the plant and the areas of Kurnool town. The Board ensures that the CSR activities undertaken by the company are within the scope of the following:

1. Clean drinking water to the people in the above-mentioned areas
2. Old age Pension and Alleviation of Poverty
3. Health and welfare
4. Free medical camps
5. Education to the Public
6. Women empowerment- Hostel for Women
7. Free marriage expenses for poor brides including free Kalyan mandap facilities
8. Sports development
9. Community hall and temple renovation
10. Other welfare activities



PRINCIPLE 9: Businesses should engage with and provide value to their consumers in a responsible manner

ESSENTIAL INDICATORS

1. Describe the mechanisms in place to receive and respond to consumer complaints and feedback.

The company has a consumer complaint procedure in place to receive and address customer complaints . The head of the Quality Assurance is the responsible authority.

The procedure is outlined below:

- a) Complaints received directly from any customers or distributors, regarding the Quality, Quantity, Packing or any other such complaints are considered as Market Complaints.
- b) On receipt of communication either written on QSF 10.2.1 or Oral or mail from Marketing Department, the complaint registration along with other details viz. complaint registration number, date, invoice details, customer details, details of the product and nature of complaint are required to be recorded in QSF 10.2.2 for investigation and corrective action.
- c) The reported complaint will be investigated in coordination with concerned production department by establishing the root cause and corrective action will be established on QSF 10.2.2. Concerned HOD (Production) will concur the investigation outcome.

2. Turnover of products and/ services as a percentage of turnover from all products/service that carry information about:

	As a percentage to total turnover
Environmental and social parameters relevant to the product	Nil
Safe and responsible usage	100%
Recycling and/or safe disposal	100%



3. Number of consumer complaints in respect of the following

	FY 2022-23		Remarks	FY 2021-22		Remarks
	Received during the year	Pending resolution at end of year		Received during the year	Pending resolution at end of year	
Data privacy	NIL	NIL	NIL	NIL	NIL	NIL
Advertising	NIL	NIL	NIL	NIL	NIL	NIL
Cyber-security	NIL	NIL	NIL	NIL	NIL	NIL
Delivery of essential services	NIL	NIL	NIL	NIL	NIL	NIL
Restrictive Trade Practices	NIL	NIL	NIL	NIL	NIL	NIL
Unfair Trade Practices	NIL	NIL	NIL	NIL	NIL	NIL
Other	NIL	NIL	NIL	NIL	NIL	NIL

4. Details of instances of product recalls on account of safety issues

	Number	Reasons for recall
Voluntary Recalls	NIL	NIL
Forced Recalls	NIL	NIL

5. Does the entity have a framework/ policy on cyber security and risks related to data privacy? (Yes/No) If available, provide a web-link of the policy.

The confidentiality policy includes guidelines with regard to data security https://drive.google.com/ùle/d/1S4nxlqQIZBMW7pCSDMUFiFi96UX5LB0R/view?usp=share_link (confidentiality policy)

6. Provide details of any corrective actions taken or underway on issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services.

There is no instance of any issues and hence no corrective action was needed

LEADERSHIP INDICATORS

1. Channels / platforms where information on products and services of the entity can be accessed (provide web link, if available).

Information about products and speciùcations is provided in the Material Safety Data Sheet (MSDS) and TREME cards also provide product and safety information including a toll free number.

https://drive.google.com/ùle/d/1U4uoemP3FU1QmwJX8vGwCrUQYs-28tVp/view?usp=share_link

2. Steps taken to inform and educate consumers about safe and responsible usage of products and/or services.



The company provides information regarding the product, its usage, safety aspects and disposal through Material Safety Data Sheet(MSDS) which provides the product specifications and their risks. The MSDS provides information on safe storage handling and disposal. The TREME cards also provide product and safety information including a toll free number

3. Mechanisms in place to inform consumers of any risk of disruption/discontinuation of essential services.

The essential services of the company mainly include safe transportation of the product to the customers and address any leakages or spillages during transportation. A toll free number is provided on the tankers to ensure immediate action

4. Does the entity display product information on the product over and above what is mandated as per local laws? (Yes/No/Not Applicable) If yes, provide details in brief.

The product information is specified as per regulations

Did your entity carry out any survey with regard to consumer satisfaction relating to the major products / services of the entity, significant locations of operation of the entity or the entity as a whole? (Yes/No)

The company has customer feed back in place

5. Provide the following information relating to data breaches:

a. Number of instances of data breaches along-with impact:

Zero data breach incidents

b. Percentage of data breaches involving personally identifiable information of customers

Not applicable