TGV SRAAC LIMITED

Sy. No. 61, 62A, 62B, 63 & 64, GONDIPARLA VILLAGE, KURNOOL MANDAL AND DISTRICT, ANDHRA PRADESH

CFO Order No. 1473568/APPCB/KNL/KNL/CFO&HWA/HO/2022, DATE: 16.11.2022 COMPLIANCE REPORT OF CFO (CPM CMS)

S.No.	Conditions Compliance				
	SCHEDULE A				
1.	Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order	Condition noted and same will be followed.			
	shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.				
2.	The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.	Being Complied Analysis of wastewater was being carried out in In-house laboratory and results are submitting to RO, APPCB on monthly basis. Continuous online (24x7) monitoring system installed for 100 TPH, 110 TPH and 42 TPH and results are within standards.			
3.	All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable	Agreed to comply Will follow rules & regulations notified by Ministry of Law and Justice. GoI regarding valid till 28.05.24.			
4.	The industry shall install display boards at outside the factory containing information related to effluent discharge, air emissions and waste generation, the format is available in the APPCB website.	Complied. We have displayed two sign boards (6 X 4 feet each) at the main gate indicating the products being manufactured, hazardous waste quantities generated and validity of the CFO.			
5.	Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.	Condition noted and we will adhere revisions to the existing consent order issued by the Board from time to time.			
6.	The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.	Condition Noted and same will be followed.			
7.	The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Complied. Submitted in Form-V, as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.			
8.	The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.	Complied. All the applications afresh or renewal of any consents will be applied over AP Single Desk web portal.			

S.No.	Conditions			Compliance
9.	The industry should	immediately	submit the	Condition Noted and same will be
	revised application fo	r consent to t	his Board in	followed.
	the event of any chang			
	processes Employed,			
	& quantity of emissi	-	_	
	management shall be			
	person authorized			
	premises / lend / sell	•		
	premises without obt		ermission of	
10	the State Pollution Cor			Condition Nated
10.	Any person aggrieved State Board under Sec	-	-	Condition Noted.
	27 of Water Act, 197			
	1981 may within thir			
	which the order is con	•		
	an appeal as per And		-	
	1976 and Air Rules 19			
	constituted under	Section 28	_	
	Water(Prevention and			
	1974 and Section 31			
	Control of Pollution) A	.ct, 1981.		
11.	The industry shal		1 2	Condition Noted.
		mpensation	/ Other	All necessary pollution control measures will
	Environmental Taxes			be implemented based on the guidelines and
	damage caused to the	_	_	standards prescribed by the CPCB, MoEFCC,
	the Collector & Distric	_	-	and APPCB.
12	competent authority as per the Rules in vogue			Complied
12.	The industry may explore the possibility of tapping the solar energy for their energy			Complied. Installed 22.5 MW solar panel-based power
	requirements.		ilen energy	plant to meet part of our power
	requirements.			requirements.
13.	The industry should	educate the v	workers and	Complied.
	nearby public of possi			Conducting mock drills and safety training
	measures.			programs are conducting at regular intervals
				and submitted reports to the RO: Kurnool.
	SCHEDULE			
4	mı . 1 . 1 11		ATER POLLU	
1.	The industry shall p			Will be complied.
	shed for coal unloading be completed within s		LKS allu Silali	
2.	The source of water		n well from	Will be complied.
	Tungabhadra River.			The water consumption is not exceeding
	permitted water consumption;		-0 10 1110	2115 KLD in CMS and CDFM and 2490KL in
	S. Purpose	CMS & CDFM	Power	Power Plant as mentioned in consent. We
	No	Quantity	Plant	have obtained permission from Tungabhadra
	1 D 0740	(KLD)	(KLD)	River for withdraw of 20 MLD of water.
	1 Process - CMS 2 Process - CDFM	40 420		
	2 Process - CDFM 3 Scrubber	420		
	4 Cooling Towers	1600	1850	
	5 Boiler Feed		640	
	6 Domestic	15		
	Total	2115	2490	

S.No.	Condi	tions		Compliance
3.	The industry shall provi		w meters	Complied.
	with necessary pipe-lin			Provided digital water meter with totalizers
	Power plant for assessing	g the quantity.		at raw water sump, process, boiler, cooling
	_			tower domestic, RO inlet and RO outlet.
4.	The industry shall main	tain digital flo	w meters	Complied.
	with totalizers at inlet an	nd outlet of RO	plants to	Provided digital water meter with totalizers
	verify the quantity of	effluent trea	ated and	at raw water sump, process, boiler, cooling
	operation hours and dat	a transmitted	to APPCB	tower domestic, RO inlet and RO outlet.
	website without interrup	tion.		
5.	Effluents shall not be dis	scharged on la	nd or any	Complied.
	water bodies or aquifer	s or outside u	ınder any	No effluents are discharging outside plant
	circumstances. Floor wa			premises. The treated wastewater (RO
	into effluent collection s	stem only and	l shall not	Permeate) is reused for cooling tower make-
	be allowed to find their	way into sto	rm water	up while rejects sent to Chlor-alkali division
	drains or open areas.			for brine make-up.
6.	The industry shall con			Complied.
	tank for collection and			30 nos. of rain water harvesting structures
	storm water. The indu			are provided along the storm water drains in
	condition outside drains	in non-rainy se	eason.	addition to storm water storage pond of
				capacity 2800 m ³
7.	The effluent discharge			Complied.
	constituents in excess of	of the toleranc	e limited	Analysis of wastewater was being carried out
	mentioned below;	T		in In-house laboratory for stipulated
	Out-let Purpose	Limiting Star	ıdards	parameters and results are found to be within
	3 & 4 Suspended Solids			standards.
	pH Oil & Grease	5.5 to 9.0		
	BOD	10 mg/l 30 mg/l		
		30 mg/1		
8.	The industry shall ma	aintain online	effluent	Complied.
	quality monitoring syste	m at the outlet	of ETP as	Outlet of ETP connected to APPCB website as
	per CPCB directions a	nd same conr	nected to	per CPCB and APPCB directions over CEMS.
	APPCB website.			
		AII	R POLLUTI	ION
9.	The emissions shall no			Complied.
	excess of the prescribed			Continuous online (24x7) monitoring system
	Chim Parameter	Emission Standards	Samling Duration	for stack emission was installed. All values
	ney 1 Particulate Matter	50 mg/Nm ³	30 hours	are found to be within standards prescribed
	HCl	50 mg/Nm ³	30 hours	in consent.
	S02 C0	200 mg/Nm ³ 100 mg/Nm ³	30 hours 30 hours	
		50 mg/Nm ³	24 hours	
	Total Organic carbon	20 mg/Nm ³	30 hours	
	HF NOx (NO and NO2	4 mg/Nm ³ 400 mg/Nm ³	30 hours 30 hours	
	expressed as NO12)	Too mg/Nm	50 11001 5	
	Total dioxins and furans	0.1 ng TEQ/Nm ³	30 hours	
	Cd+ Th+ their Compound Hg and its compounds	0.05 mg/Nm ³	2 hours 2 hours	
	Cd+As+Pb+Co+Cr+Cu+Mi		2 hours	
	Ni+V+V their compounds]		

S.No.	Conditions	Compliance
10.	The industry shall comply with ambient air	Complied.
	quality standards of PM10 (Particulate Matter	Installed continuous Ambient Air Quality
	size less than 10mm) - 100 mg/ m ³ ; PM2.5	monitoring station and results are found to be
	(Particulate Matter size less than 2.5 mm) - 60	within the NAAQ standards.
	mg/ m ³ ; SO2 - 80 mg/ m ³ ; NOx - 80 mg/m ³ ,	
	outside the factory premises at the periphery of	Noise level monitoring is being carried out
	the industry.	MoEF&CC recognized third party laboratory
	Standards for other parameters as mentioned in	and noise levels are within the standards.
	the National Ambient Air Quality Standards	
	CPCB Notification No. B-29016/20/90/PCI-I,	
	dated 18.11.2009. Noise Day Time (6AM to 10PM) 75 dB(A)	
	Noise Day Time (6AM to 10PM) 75 dB(A) Levels Night Time (10PM to 6AM) 70 dB(A)	
11.	The industry shall comply with emission limits	Complied.
11.	for DG sets of capacity upto 800 KW as per the	DG Sets stack emission parameters were
	Notification G.S.R.520 (E), dated 01.07.2003 and	carried out on quarterly basis through
	G.S.R.448(E), dated 12.07.2004 under the	MoEF&CC recognized third party laboratory
	Environment (Protection) Act Rules. In case of	and results are within standards.
	DG sets of capacity more than 800 KW shall	
	comply with emission limits as per the	
	Notification G.S.R.489 (E), dated 09.07.2002 at	
	serial no.96, under the Environment (Protection)	
	Act, 1986.	
12.	The industry shall provide a sampling port with	Complied.
	removable dummy of not less than 15 cm	Sampling ports are provided to boiler.
	diameter shall be provided in the stack at 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.	
13.	The industry shall properly operate and	Complied.
20.	maintain the monitoring system to all the	Continuous online (24x7) monitoring system
	stacks/vents in the plant. Regular monitoring	for stack emission was installed. All values
	shall be carried out and report shall be	are found to be within standards prescribed
	submitted to the Regional officer.	in consent.
14.	The industry shall provide online stack	Complied.
	monitoring systems to the major stacks viz.,	Continuous online (24x7) monitoring system
	Boiler of capacity more than 10 TPH and connect	for stack emission was installed.
	the monitoring data to the website of APPCB and	
1 "	CPCB.	Complied
15.	The industry shall provide separate energy	Complied.
	meters to the air pollution control equipment and maintain the records properly.	Separate energy meters were provided for all all pollution control systems.
	GENERAI	
16.	The industry shall not manufacture new	Condition Noted and same will be
10.	products and not increase the capacity beyond	followed.
	the permitted capacity mentioned in this order.	1010000
17.	The industry shall store the hazardous waste in	Complied.
	the closed sheds.	All hazardous waste is stored under covered
		shed with leachate collection provision.

S.No.	Conditions	Compliance
18.	All the internal roads shall be of cement	Complied.
	concrete/bitumen to reduce fugitive dust due to	All internal roads are concrete.
	the movement of vehicles.	
19.	The industry shall not cause any air pollution/	Complied.
	odour nuisance in the surrounding environment	Dual condensing system for process, multi
		stage scrubbing system and closed transfer of
		operations to mitigate odour nuisance.
20.	The industry shall maintain the following	Complied.
	records and the same shall be made available to	All the records will be made available during
	the inspecting officers of the Board:	site inspection.
	i Daily production details (ER-1 Central	ER-1 Central Excise Returns are being
	Excise Returns).	maintained
	ii Quantity of Effluents generated effluent and	Maintenance and operation staff of ETP is
	recycled.	maintaining records for effluents generated,
		treated, and reused.
	iii Log Books for pollution control systems	Energy readings records of APC are made
		available at power plant.
21.	System of leak detection and repair of pump /	Complied.
	pipeline shall be installed in the plant	Maintenance division of plant will take care of
22	mb. t.d. a. d. d.d. b. 19d. d.dl	any leaks or repairs in pipelines and pumps.
22.	The industry should submit mock drill report	Complied.
	carried out at least once in six months, as	Mock drills and safety training programs are
	required under the Manufacture, Storage, and	conducting at regular intervals and submitted
23.	Import of Hazardous Chemicals Rules, 1989.	reports to the RO: Kurnool.
23.	The industry shall develop thick green belt with native species to cover at least 33% of the total	Complied. The green belt is developed in an area of
	area.	89.03 ha i.e., 58.42% of total area.
24.	The industry shall comply with SoPs issued by	Condition noted and same will be followed.
21.	CPCB time to time for all the wastes.	condition noted and same win be followed.
25.	The industry should maintain good	Complied.
25.	housekeeping within the plant premises.	Comprious
26.	The industry shall install digital display boards	Complied.
	at publicly visible places at the main gate	
	indicating the products manufactured Vs	each) at the main gate indicating the products
	permitted quantities, Treated effluent	being manufactured, hazardous waste
	concentrations Vs discharge standards, Stack	quantities generated and validity of the CFO.
	emission & AAQ concentrations Vs standards,	
	hazardous waste generation, disposed, stock Vs	
	permitted quantities and validity of CFO; and	
	exhibit the CFO order at a prominent place in	
	the factory premises, as per Hon'ble Supreme	
	Court order.	
27.	The project authority shall submit Half yearly	Complied.
	compliance reports to all the stipulated	Submitted Six months compliance reports for
	conditions in Environmental Clearance (EC),	the first half year by NABL accredited third
	Consent for Establishment (CFE) and Consent for	party and same was uploaded at appcb.gov.in
	Operation (CFO) through website i.e.,	website.
	https://pcb.ap.gov.in by 1st of January and 1st	
	July of every year. The first half yearly	
	compliance reports shall be furnished by the	
	project authority and second half yearly	
	compliance reports shall be the audited	

S.No.	Conditions	Compliance
	through MoEF&CC recognized and National	
	Accreditation Board for Laboratory Testing	
	(NABL) accredited third party.	
28.	The industry shall maintain valid PLI policy	Complied
	which includes Environmental Relief Fund (ERF)	valid till 28.05.24
	and submit copy to RO, Kurnool on yearly base.	
29.	Any other directions / circulars / notices issued	Condition noted and same will be
	by CPCB, MoEF&CC and APPCB shall be followed	followed.
	from time to time	
30.	The Board reserves its right to modify above	Condition noted.
	conditions or stipulate any further conditions	
	and to take action including revoke of this order	
	in the interest of protection of public health and environment	
31.	The conditions stipulated are without prejudice	Condition noted.
31.	to the rights and contentions of this Board in any	Condition noted.
	Hon'ble Court of Law	
	SPECIAL CONDI	TIONS
32.	The industry shall submit copy of the NOC issued	Complied.
	by the Andhra Pradesh State Disaster Response	Obtained NOC from APSDRFSD vide Rc.No.
	and Fire Service Dept., (APSDRFSD) and submit a	3321/MSB/SR/KNL/2021SDP, dt.21.09.2021
	copy at concerned Regional Office, APPCB.	valid till 21.09.2026
33.	The industry shall prepare a safety report and	Complied.
	carry out an independent safety audit report of	Annual safety audit conducted during 2023
	the respective industrial activities including	by third party and submitted the report to
	chemical storages / isolated storages by an	factories department and APPCB.
	expert not associated with such industrial	HAZOP study of entire complex was carried
	activity as required under Rule 10 of MSIHC	out in 2021. Quantitative Risk Assessment
	Rules, 1989 and get it approved by the Factories	was carried out in 2022.
	Dept., and submit the compliance along with	
	copy of the safety report, safety audit report	
	and safety certificate at concerned Regional	
34.	Office, APPCB. The industry shall identify major assident hazard.	Complied
34.	The industry shall identify major accident hazard chemicals & list out the hazardous chemicals	Complied. Annual safety audit conducted during 2021
	endangered to human health & environment,	by third party and submitted the report to
	and the details shall be furnished to the Factories	factories department and APPCB.
	Department and the Regional Office, APPCB time	HAZOP study of entire complex was carried
	to time duly certifying the same by the industry.	out in 2021. Quantitative Risk Assessment
	Further, the industry shall extend training to the	was carried out in 2022.
	working personnel while handling hazardous	Mock drills on safety are being carried out at
	chemicals for the prevention of accidents and	regular intervals. Employee training program
	necessary antidotes to ensure safety, as per the	will be conducted at regular intervals on
	MSIHC Rules, 1989	safety aspects.
35.	The industry shall carryout calibration of safety	Complied.
	equipment and leak detection systems at regular	Calibration of chlorine sensors will be done
	intervals and shall certify the same with the	on time to time basis.
	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	

S.No.	Conditions	Compliance
36.	The industry shall inventory the hazardous	Complied.
	wastes and its quantities stored within the	Hazardous waste inventory records are being
	industry premises as per the Hazardous and	maintained and submitting to RO: Kurnool.
	Other Wastes (Management and Trans boundary	
	Movement) Rules, 2016 (HOWM Rules, 2016)	
	and shall furnish the details to Regional office,	
	APPCB on a monthly basis duly certifying the	
	same by the industry	
37.	The industry shall submit Risk analysis and risk	Complied.
	assessment covering worst scenario clearly	Quantitative Risk Assessment was carried out
	describing impact within the industry premises	in 2022.
	and outside the industry premises and	
	emergency response system.	
38.	The industry shall inventorize the storage	Will be complied
50.	quantities of hazardous chemicals (raw	Win be complied
	materials), products, as per the hazard nature of	
	reactivity / toxicity / flammability / explosive	
	stored/handling in the premises as defined in	
	the Management of Storage, Import of Hazardous	
	Chemicals (MSIHC) Rules, 1989 and the details	
	shall be furnished to the Factories Department	
	and to the Regional Office, APPCB on monthly	
	basis duly certifying the same.	
39.	The industry shall submit the copy of the safety	Complied.
39.	audit report and On-Site / Off Site Emergency	Annual safety audit conducted during 2023
	Plans as applicable after being certified by the	by third party and submitted the report to
	Factories Department to the APPCB, Regional	factories department and APPCB.
	Office from time to time, if the storage quantity	HAZOP study of entire complex was carried
	of hazardous chemicals is equal to or, in excess	out in 2021. Quantitative Risk Assessment
	of the threshold quantities specified in schedule	was carried out in 2022.
	2 & 3 of MSIHC Rules, 1989.	was carried out in 2022.
40.	VOC meters with real time data transmission	Complied
40.		Complied.
	facility through internet of things (IoT) shall be	VOC meters with real time data transmission
	installed near the production blocks and near the	installed at process area and storage of CMS.
	chemical storage tanks and link to the servers of	
41	APPCB and CPCB.	Complied
41.	The industries and isolated storages that are	Complied.
	storing hazardous chemicals less than the	Safety Certificate for storage tanks submitted
	threshold quantities mentioned under MSIHC	to RO: Kurnool.
	Rules, 1989 shall submit safety certificate to the	
	concerned Regional Office, APPCB	On On one ten Henry III and II
1	Schedule C: Conditions of Authorization for Occupie	
1.	The authorized person shall comply with the	Condition Noted and same will be
	provisions of the Environment (Protection) Act,	followed.
	1986, and the rules made there under	Plant head is the authorized person to comply
	m a to a t	with provisions of EPA Act 1986.
2.	The authorization shall be produced for	Complied.
	inspection at the request of an officer authorized	We have obtained CFO vide order no.
	by the State Pollution Control Board	1473568/APPCB / KNL/ KNL/CFO& HWA/
		HO/ 2022 valid till 31.08.2026
3.	The person authorized shall not rent, lend, sell,	Condition Noted and same will be
	transfer or otherwise transport the hazardous	followed.

S.No.	Conditions	Compliance
	and other wastes except what is permitted	
	through this authorization	
4.	Any unauthorized change in personnel,	Condition Noted and same will be
	equipment or working conditions as mentioned	followed.
	in the application by the person authorized shall	
	constitute a breach of his authorization	
5.	The person authorized shall implement	Complied.
	Emergency Response Procedure (ERP) for which	Annual safety audits, HAZOP studies are
	this authorization is being granted	carried out by third party considering all
	considering all site specific possible	possible scenarios such as spillages, leakages,
	scenarios such as spillages, leakages, fire etc. and	fire etc. Mock drills on safety are being
	their possible impacts and also carry out mock	carried out at regular intervals.
(drill in this regard at regular interval of time	Will be Complied
6.	The person authorized shall comply with the	Will be Complied.
	provisions outlined in the Central Pollution Control Board guidelines on "Implementing	
	Liabilities for Environmental Damages due to	
	Handling and Disposal of Hazardous Waste and	
	Penalty"	
7.	It is the duty of the authorized person to take	Condition Noted and same will be
	prior permission of the State Pollution Control	followed.
	Board to close down the facility	
8.	An application for the renewal of an	Will be complied.
	authorization shall be made as laid down under	All the applications afresh or renewal of any
	these Rules	consents will be applied over AP Single Desk
		web portal.
9.	Any other conditions for compliance as per the	Condition Noted.
	Guidelines issued by the Ministry of	
	Environment, Forest and Climate Change or	
	Central Pollution Control Board from time to	
10	The industry shall dispass of a years to the	Will be complied
10.	The industry shall dispose of e-waste to the authorized recyclers only.	Will be complied
	SPECIFIC CONDI	TIONS
11.	The industry shall not store hazardous waste for	Being Complied.
	more than 90 days as per the Hazardous and	No hazardous waste is stored at site more
	Other Wastes (Management & Trans boundary	than 90 days.
	Movement Rules, 2016)	
12.	The industry shall store Used / Waste Oil and	Complied.
	Used Lead Acid Batteries in a secured way in	Used oil and batteries are sent to authorize
	their premises till its disposal to the	recyclers.
	manufacturers / dealers on buyback basis	
13.	The industry shall maintain 7 copy manifest	Complied.
	system for transportation of waste generated	7 copy manifest system for transportation of
	and a copy shall be submitted to concerned	waste generated are being maintaining.
	Regional Office of APPCB. The driver who	
	transports Hazardous Waste should be well	
	acquainted about the procedure to be followed	
	in case of an emergency during transit. The	
	transporter should carry a Transport Emergency	
1 4	(TREM) Card.	Complied
14.	The industry shall maintain proper records for	Complied.

S.No.	Conditions	Compliance
	Hazardous and Other Wastes stated in	All the records w.r.t Hazardous and other
	Authorization in Form-3 i.e., quantity of	wastes are being maintained and same will be
	Incinerable waste, land disposal waste,	made available at site.
	recyclable waste etc., and file annual returns in	
	Form-4 as per Rule 20 (2) of the Hazardous and	
	Other waste (Management & Trans boundary	
	Movement Rules, 2016.)	