

LOGO	<b>KALYANI FORGE LIMITED</b>	EHS LR 01 00 001
PART - A	<b>REGISTER OF APPLICABLE LEGAL AND OTHER REQUIREMENTS</b>	Page 1 of 5

**VERIFICATION OF COMPLIANCE WITH RESPECT TO VARIOUS STANDARDS**

SR. NO	REQUIREMENT	LOCATION OF SAMPLE	PARAMETER TO BE MONITORED	PRESCRIBED STANDARD	FREQUENCY OF MONITORING	METHOD OF SAMPLING AND TESTING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
01	The daily consumption of water for given categories	--	Domestic consumption	100 m3 / day	Monthly	In-house												
			Industrial processing	200 m3 / day														
			Industrial cooling	100 m3 / day														
			Gardening	--														
02	The daily quantity of trade effluent from the factory	ETP	Trade effluent	100 m3 / day	Monthly	In-house												
03	The daily quantity of sewage effluent from the factory	STP	Sewage effluent	100m3/day	Monthly	In-house												
	Production quantity				Monthly													
	Emission norms compliance	Chimney sampling port	Air emission parameters															
04	Trade effluent to achieve the quality as per prescribed	ETP	pH	5.5 to 9.0	Monthly / Quarterly	In-house / Quarterly												

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	standards																	
			Suspended solids	100 mg/l														
			BOD 3 days 27° C	100 mg/l														
			COD	250 mg/l														
			Oil and Grease	10 mg/l														
			Total Dissolved Solids	2100 mg/l														
			Sulphate	1000 mg/l														
			Chlorides	600 mg/l														
			Hexavalent Chromium	0.1 mg/l														
			Phosphate	5.0 mg/l														
			Iron	3.0 mg/l														
			Cyanide	0.2 mg/l														
			Zinc	5.0 mg/l														
			Copper	3.0 mg/l														
			Nickel	3.0 mg/l														
			Total Chromium	2.0 mg/l														
05	Leachate from ground water	Well	Sulphate	1000 mg/Kg	Once in two years	External agency												
			Chlorides	1000 mg/Kg														
			Mixture of heavy metals (Zinc, copper, nickel and chromium)	25.0 mg/Kg														

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			Lead	1.0 mg/Kg														
			Mercury	0.01 mg/Kg														
06	Sewage effluent to achieve the quality as per prescribed standards	STP	Suspended solids	100 mg/l	Monthly	In-house												
			BOD 3 days 27° C	100 mg/l														
08	The daily quantity of fuel consumed		Furnace Oil High Speed Diesel	2000 Lit/ day 160 Lit / day	Monthly	In-house												
09	Ambient air noise level at the boundary of plant	KFL premises	During day time – (6.00 am to 10.00 pm) During night time – (10.00 pm to 6.00 am)	75 dB(A)  70 dB(A)	Quarterly	External												
10	The daily quantity of hazardous wastes generated	KFL premises	Waste oil ETP Sludge	38 Kg / day 21 Kg /	Monthly	In-house												

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				day														
11	The hazardous wastes disposed off through landfill shall not contain following constituents in excess of limits as per Annexure II of consent	KFL premises	Sulphate Chloride Mixture of heavy metals (Cu+Ni+Cr+Zn) Lead Hg	1000 mg/Kg 1000 mg/Kg 25 mg/Kg 1.0 mg/Kg 0.01mg/Kg	Half yearly	External												
12	Noise level as per Factories act	KFL premises	No exposure in excess of sound pressure level more than 90 dB (A) is to be permitted for exposure of 8 hrs.	90 dB(A)	Half yearly	External												
13	Work environment as per Factories act	Process shop	Check from Factory act e.g TCE / CTC		Yearly	External												
14	Work environment as per Factories act	Machine shop	Permissible level of TCE in work	50ppm / 270 mg /	Yearly	External												

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			environment time weighted average concentration (8 hrs)	m <sup>3</sup>														

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