

	2016	<b>Annexure II</b>								
		<b>Form V</b>	<b>Part C</b>							
	<b>Water effluent</b>									
	<b>Mass/ Day =</b>	<b>(Discharge of effluent water X</b>			<b>TSS or</b>	<b>COD or</b>	<b>BOD or</b>	<b>O &amp; G)/1000</b>	<b>Kg/Day</b>	
		Water in Kg	Test result	Standard		Water	TSS	COD	BOD	
	TSS	2000	10	100		Mass/day	20	160	30	
	COD	2000	80	250		% variation	90	68	70	
	BOD	2000	15	50						
	O & G	2000	0	10						
						Positive sign =	Lower than the standard			
						Negative sign =	higher than the standard			
	<b>Air -TFH</b>									
	<b>Mass/ Day =</b>	<b>(quantity of gas vol(Nm3/hr) X</b>			<b>PM or SO2 or CO2</b>	<b>X Total no of hrs emission per day)/1000000</b>				
									<b>Kg/Day</b>	
	<b>TFH 1</b>	Air Qtn in Nm3	Test result	Standard		TFH 1	Air	PM	SO2	CO2
	PM	1756	15	150			Mass/day	0.53	2.49	0.25
	SO2	1756	71	-			% variation	90	-	-
	CO2	1756	7	-						
	<b>TFH 2</b>	Air Qtn in Nm3	Test result	Standard		TFH 1	Air	PM	SO2	CO2
	PM	1449	23	150			Mass/day	0.67	2.38	0.22
	SO2	1449	82	-			% variation	84.67	-	-
	CO2	1449	7.6	-						
						<b>TFH -Thermic Fluid Heater</b>				
	<b>Air -DG</b>									
	<b>Mass/ Day =</b>	<b>(quantity of gas vol(Nm3/hr) X</b>			<b>PM or SO2 or CO2</b>	<b>X Total no of hrs emission per day)/1000000</b>				
									<b>Kg/Day</b>	
	<b>DG1 160 kva</b>	Air Qtn in Nm3	Test result	Standard		DG 1 160 kva	Air	PM	SO2	CO2
	PM	372	32	150			Mass/day	0.02	0.05	0.01
	SO2	372	73	-			% variation	78.67	-	-
	CO2	372	7	-						
	<b>DG2 160 kva</b>	Air Qtn in Nm3	Test result	Standard		DG 2 160 KVA	Air	PM	SO2	CO2
	PM	379	46	150			Mass/day	0.03	0.07	0.01
	SO2	379	97	-			% variation	69.33	-	-
	CO2	379	6.6	-						
	<b>DG 400 kva</b>	Air Qtn in Nm3	Test result	Standard		DG 400 kva	Air	PM	SO2	CO2
	PM	414	36	150			Mass/day	0.03	0.10	0.01
	SO2	414	122	-			% variation	76.00	-	-
	CO2	414	7.6	-						