



ORISSA POWER GENERATION CORPORATION LTD

IB THERMAL POWER STATION

ENVIRONMENTAL MONITORING REPORTS

Period- October 2009

STACK EMISSION

PARAMETER	NORM	STACK 1		NORM	STACK 2	
		MAX.	MIN.		MAX.	MIN.
SPM (mg/Nm3)	150	137	128	150	127	107
SOx (PPM)	NA	480	451	NA	462	428
NOX (PPM)	NA	208	198	NA	212	196

AMBIENT AIR QUALITY

PARAMETER	NORM	INDUSTRIAL		NORM	RESIDENTIAL	
		MAX.	MIN.		MAX.	MIN.
SPM (ug/m3)	500	129	72	200	124	63
RPM (ug/m3)	150	40	21	100	41	19
SO2 (ug/m3)	120	13	<10	80	<10	<10
NO2 (ug/m3)	120	18	<15	80	16	<15

NOISE

	INDUSTRIAL			RESIDENTIAL		
	Station 1	Station 2	Station 3	Station 1	Station 2	Station 3
Norm(Day)	75dBA			55dBA		
Day, dBA	61	60	59	52	52	51
Norm(Night)	55dBA			45dBA		

Night, dBA	56	54	49	40	42	43
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INDUSTRIAL EFFLUENT

Reused inside Plant after required treatment

ASH UTILIZATION

Month, %	20.9
Year to Day, %	18.9

U.K Pahi
 Manager(EHS)