



**ORISSA POWER GENERATION CORPORATION LTD**

**IB THERMAL POWER STATION**

**ENVIRONMENTAL MONITORING REPORTS**

**Period- November 2009**

**STACK EMISSION**

PARAMETER	Limit	STACK 1		NORM	STACK 2	
		MAX.	MIN.		MAX.	MIN.
SPM (mg/Nm3)	150	Under overhaul		150	140	121
SOx (PPM)	NA			NA	492	476
NOX (PPM)	NA			NA	264	218

**AMBIENT AIR QUALITY**

Parameter	Limit	MAX.	MIN.	Remark
PM <sub>10</sub> (ug/m3)	100	77	47	
SO2 (ug/m3)	80	12	<10	
NO2 (ug/m3)	80	20	<15	

**NOISE**

	INDUSTRIAL			RESIDENTIAL		
	Station 1	Station 2	Station 3	Station 1	Station 2	Station 3
Limit(Day)	75dBA			55dBA		
Day, dBA	63	59	57	50	53	52
Limit(Night)	55dBA			45dBA		
Night, dBA	60	52	50	42	41	40

**INDUSTRIAL EFFLUENT**

Reused inside Plant after required treatment

**ASH UTILIZATION**

Month, %	24.2
Year to Day, %	19.3

U.K Pahi  
Manager(EHS)