



ORISSA POWER GENERATION CORPORATION LTD

IB THERMAL POWER STATION

ENVIRONMENTAL MONITORING REPORTS

Period- August 2009

STACK EMISSION

PARAMETER	NORM	STACK 1		NORM	STACK 2	
		MAX.	MIN.		MAX.	MIN.
	SPM (mg/Nm ³)	150	139	122	150	132
SO _x (PPM)	NA	471.0	427.0	NA	464.0	427.0
NO _x (PPM)	NA	298.0	175.0	NA	237.0	188.0

AMBIENT AIR QUALITY

PARAMETER	NORM	INDUSTRIAL		NORM	RESIDENTIAL	
		MAX.	MIN.		MAX.	MIN.
	SPM (ug/m ³)	500	73	32	200	69
RPM (ug/m ³)	150	33	17	100	31	18
SO ₂ (ug/m ³)	120	<10	<10	80	<10	<10
NO ₂ (ug/m ³)	120	<15	<15	80	<15	<15

NOISE

	INDUSTRIAL			RESIDENTIAL		
	Station 1	Station 2	Station 3	Station 1	Station 2	Station 3
	Norm(Day)	75dBA			55dBA	
Day, dBA	62	63	61	59	55	51
Norm(Night)	55dBA			45dBA		
Night, dBA	52	53	51	40	41	43

ASH UTILIZATION

Month, %	18.2
Year to Day, %	18.9

U.K Pahi
Manager(EHS)