



ORISSA POWER GENERATION CORPORATION LTD

IB THERMAL POWER STATION

ENVIRONMENTAL MONITORING REPORTS

Period- September 2009

STACK EMISSION

PARAMETER	NORM	STACK 1		NORM	STACK 2	
		MAX.	MIN.		MAX.	MIN.
SPM (mg/Nm ³)	150	128	114	150	130	108
SO _x (PPM)	NA	463.0	427.0	NA	483.0	427.0
NO _x (PPM)	NA	219.0	174.0	NA	210.0	174.0

AMBIENT AIR QUALITY

PARAMETER	NORM	INDUSTRIAL		NORM	RESIDENTIAL	
		MAX.	MIN.		MAX.	MIN.
SPM (ug/m ³)	500	52	32	200	54	25
RPM (ug/m ³)	150	33	15	100	32	16
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	61	62	60	51	53	50
Norm(Night)	55dBA			45dBA		
Night, dBA	60	56	50	41	41	44

ASH UTILIZATION

Month, %	17.3
Year to Day, %	18.6

Manager(EHS)