

ANACON LABORATORIES PVT. LTD.

ISO 9001:2008, ISO 14001:2004, OHSAS 18001 Certified Organization,
 Recognized By Ministry of Environment & Forests (MoEF), New Delhi
 Accredited By Quality Council of India by NABET - Environment Impact Assessment Studies
 Authorised by Food Safety & Standards Authority of India Under FSS Act
 Approved by Bureau of Indian Standards (BIS)

Stack Emission Monitoring Report

Report No.: AN/SE/GMR/2017-18/767		Date: 19.03.2018	
Name and Address of Company :		GMR CHHATTISGARH ENERGY LTD Village : Raikhada, Block Tilda, Raipur-493225 (C.G)	
Sample Description/Type	Stack Emission Monitoring	Sample Collected by	Anacon Representative
Sampling Location	Main Stack (S2)	Sample Quantity/ Packing	Thimble: 1 X 1 No. SO ₂ : 30 mL X 1 No. PVC Bottle NO _x : 25 mL X 1 No. PVC Bottle
Date of Sampling	15.03.2018	Date of Receipt of Sample	16.03.2018
Sampling Procedure	As per Method Reference		
Date of Start of Analysis	16.03.2018	Date of Completion of Analysis	19.03.2018

Stack Details				
Stack Identity		S2	-	
Stack height above ground level		275	Meter	
Flue can diameter		7.0	Meter	
Type of Fuel		Coal	-	
Parameter	Unit	Result	*Limit	Method Reference
Flue gas temperature	°C	124	-	IS:11255 (Part 3)
Flue gas velocity	m/s	21.7	-	IS:11255 (Part 3)
Total gas quantity	Nm ³ /h	2237170.39	-	IS:11255 (Part 3)
Total Particulate Matter (PM)	mg/Nm ³	18.6	-	IS:11255 (Part 1)
Sulphur Dioxide (SO ₂)	mg/Nm ³	439.7	-	IS 11255 (Part 2)
Oxide of Nitrogen (NO _x)	mg/Nm ³	212.4	-	IS 11255 (Part 7)
Hg	mg/Nm ³	0.0027	-	USEPA-0060

• ND-Not Detected.

Thanks for utilizing our services.

Chemist: *smf*

Strawp
Authorized Signatory

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