

**Laboratory** Coal Testing Laboratory, O&M-Chemistry, NTPC Ltd-Ramagundam  
Super Thermal Power Station, Jyothinagar, Ramagundam, Peddapalli  
(Dist.), Telangana

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-6290 (in lieu of T-3555)

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**Validity** 11.09.2017 to 10.09.2019

Last Amended on 18.09.2017

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	SOLID FUELS			
1.	Coal	Moisture	ASTM D 7582-15 IS 1350 (Part 1): 1984 Reaffirmed 2013	4 % to 16 % 4 % to 16 %
		Ash	ASTM D 7582-15 IS 1350 (Part 1): 1984 Reaffirmed 2013	3 % to 55 % 3 % to 55 %
		Volatile Matter	ASTM D 7582-15 IS 1350 (Part 1): 1984 Reaffirmed 2013	18 % to 48 % 20 % to 45 %
		Gross Calorific Value	ASTM D 5865-13	3500 Kcal/kg to 6800 Kcal/kg
		Sulphur	ASTM D 4239-17	0.2 % to 3 %
		Total Moisture	ASTM D 3302 M-17	12 % to 35 %

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