

Laboratory Coal Analysis Laboratory NTPC-BARH, Super Thermal Power Project, Chemistry Department, District Patna, Bihar
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number TC-6996 *(in lieu of T-3923)* **Page 1 of 1**
Validity 05.05.2018 to 04.05.2020 **Last Amended on --**

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 D3173/ D3173M-17a IS: 1350 (Part -1)	2.0% to 50.0%
		Volatile Matter	ASTM D3175 -17 IS: 1350 (Part -1)	20.0% to 50.0%
		Ash	ASTM D 3174 - 12 IS: 1350 (Part -1)	1.0% to 45.0%
		Fixed Carbon	ASTM D 3172 -13 IS: 1350 (Part-1)	Qualitative
		Gross Calorific Value	ASTM D 5865-13	3000 kcal/kg to 7000 kcal/kg