

Laboratory Coal Analysis Laboratory, KSTPS, NTPC Ltd., P.O: Vikas Bhavan,
 Jamnipali, Korba, Chhattisgarh
Accreditation Standard ISO/IEC 17025: 2005
Discipline Chemical Testing **Issue Date** 19.10.2016
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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. SOLID FUELS				
1.	Coal	Proximate Analysis:		
		i) Ash	ASTM D 3174: 2012 ASTM D 7582: 2012	2.5 % to 45 %
		ii) Inherent Moisture	ASTM D 3173: 2011 ASTM D 7582: 2012	2 % to 28 %
		iii) Volatile Matter	ASTM D 3175: 2011 ASTM D 7582: 2012	12 % to 45 %
		iv) Fixed Carbon	ASTM D 3172: 2013	Calculated by difference
		Gross Calorific Value (GCV) at constant volume	ASTM D 5865: 2012	(2000 to 9000) kcal/kg

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