

Laboratory CSIR-Central Institute of Mining & Fuel Research, 17/C, Telenkhedi Area, Civil Lines, Nagpur, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5646

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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/Coke	Moisture (as received basis, Air dried basis, Equilibrated at 60 % RH & 40 °C basis)	IS-1350 Part-I: 1984, Reaffirmed 2013	0.5 % by mass to 40 % by mass
			ASTM D 7582-15	0.5 % by mass to 40 % by mass
		Volatile Matter (VM)	IS-1350 Part-I: 1984, Reaffirmed 2013	2 % by mass to 50 % by mass
			ASTM D 7582-15	2 % by mass to 50 % by mass
		Ash	IS-1350 Part-I: 1984, Reaffirmed 2013	2 % by mass to 70 % by mass
			ASTM D 7582-15	2 % by mass to 70 % by mass
		Gross Calorific value (GCV)	IS-1350 Part-II ASTM D 5865-12	1000 Kcal /kg to 8900 Kcal /kg
			ASTM D 5865-13	1000 Kcal /kg to 8900 Kcal /kg
		Fixed Carbon	IS-1350 Part-I: 1984, Reaffirmed 2013	15 % by mass to 98 % by mass

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