

Laboratory Chemical Laboratory, Koderma Thermal Power Station, Damodar Valley Corporation, P.O. KTPS, Jhumeri Teiliya (Koderma), Jharkhand

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7803

Page 1 of 1

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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
<u>CHEMICAL TESTING</u>				
I.	SOLID FUELS			
1	Coal	Moisture (ADB)	IS 1350, (Part 1): 1984 RA 2013 ASTM D7582-15	0.40% to 25.0 %
		Equilibrated Moisture (40°C and 60% RH)	IS 1350, (Part 1): 1984 RA 2013	0.70 % to 15.0 %
		Ash	IS 1350, (Part 1): 1984 RA 2013 ASTM D7582-15	5.0 % to 60.0 %
		Volatile Matter (VM)	IS 1350, (Part 1): 1984 RA 2013 ASTM D7582-15	5.0 % to 50.0 %
		Fixed Carbon (FC)	IS 1350, (Part 1): 1984 RA 2013 ASTM D7582-15	By Calculation
		Gross Calorific Value (GCV)	ASTM D 5865 - 13	2000 kcal/kg to 7300 kcal/kg