

Laboratory Coal Testing Laboratory, Mejia Thermal Power Station (MTPS),  
Damodar Valley Corporation, Durlavpur, Bankura, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8019

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Validity 23.10.2018 to 22.10.2020

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	<b>Proximate Analysis</b>		
		Equilibrated Moisture (at 40 °C & 60 % (RH)	IS 1350 (Part 1)	0.4 % to 15 %
		Moisture (ADB)	ASTM D 7582 IS 1350 (Part 1)	0.3 % to 15 %
		Ash	ASTM D 7582 IS 1350 (Part 1)	10 % to 65 %
		Volatile Matter (VM)	ASTM D 7582 IS 1350 (Part 1)	8 % to 35 %
		Fixed Carbon (FC)	IS 1350 (Part 1)	15 % to 70 %
		Gross Calorific Value (GCV)	ASTM D 5865	2000 kcal/kg to 8300 kcal/kg

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