

Laboratory Central Coal Testing & Research Laboratory, Western Coalfields Limited, Nara Nari Ring Road, Kalpana Nagar, P.O. Uppalwadi, Nagpur, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6413 (in lieu of T-0257)

Page 1 of 1

Validity 18.10.2017 to 17.10.2019

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
-----	----------------------------	-------------------------	---	--

CHEMICAL TESTING

I.	SOLID FUELS			
1.	Coal	A) Proximate Analysis	IS- 1350 (Part-I)	
		i) Ash		5% to 75%
		ii) Moisture (ADB) Moisture (EQB)		1% to 25% 1% to 15%
		iii) Volatile Matter (VM)		10% to 40%
		B) Gross Calorific Value (GCV)	IS- 1350 (Part-II) and ASTM-D5865-13	2000Kcal/kg to 8000 Kcal/kg
		C) Total Sulphur	IS- 1350 (Part-III)	0.1% to 5.0%

Vinay Kumar Tyagi
Convenor

N. Venkateswaran
Program Director