

Laboratory Coal And Combustion Laboratory, NCPS, NTPC Dadri, Gautam Budh Nagar, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7822 (in lieu of T-3082)

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Validity 22.08.2018 to 21.08.2020

Last Amended on 30.08.2018

Sl.	Product (s) / Material of Test	Specific Test Performed	Test Method / Standard against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	SOLID FUELS			
1.	Coal	Total Moisture	IS 1350 (Part 1)	0.5 % to 20 %
		Equilibrated Moisture (at 40 °C/60 % Rh)		
		Residual Moisture	ASTM D 3302	1.0 % to 20 %
		Ash	IS 1350 (Part 1) ASTM D 3174	2 % to 60 %
		Volatile Matter	ASTM D 3175	18 % to 55 %
		Gross Calorific Value	ASTM D 5865	2200 kcal/kg to 8300 kcal/kg