

Laboratory Chemistry Laboratory, NTPC, Mouda Super Thermal Power Project,  
Mouda-Ramtek Road, P.O. Mouda, Dist. Nagpur, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5594 (in lieu of T-3515)

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Validity 21.07.2017 to 20.07.2019

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
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#### CHEMICAL TESTING

I.	SOLID FUELS			
1.	Coal	Moisture	ASTM D 7582-15	1.0 % to 25.0 %
		Air-Dried moisture	IS 1350 (Part I)	1.0 % to 15.0 %
		Equilibrated Moisture	IS 1350 (Part I)	1.0 % to 15.0 %
		Ash	ASTM D 7582-15	1.0 % to 25.0 %
			IS 1350 (Part I)	10.0 % to 55.0 %
		Volatile Matter	ASTM D 7582-15	20.0 % to 50.0 %
			IS 1350 (Part I)	10.0 % to 30.0 %
		Sulphur	ASTM D 4239-14e2	0.1 % to 3.0 %
		Gross Calorific Value	ASTM D 5865-13	2500 kcal/kg to 6500 kcal/kg
			IS 1350 (Part 2)	2500 kcal/kg to 6500 kcal/kg

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