

Laboratory Coal Laboratory, NTPC Tamil Nadu Energy Company Ltd., Vallur Thermal Power Project, P.O.: Vellivoyal Chavadi, Ponneri Taluk, Thiruvallur Dist., Chennai, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6716 (in lieu of T-3733)

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Validity 21.12.2017 to 20.12.2019

Last Amended on 03.01.2018

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	Gross Calorific Value	ASTM D 5865	1500 kcal/kg to 7500 kcal/kg
		Total Moisture	ASTM D 3302M	1% to 40%
		Moisture	ASTM D 3173	1% to 22%
		Ash	ASTM D 3174	1% to 45%
		Sieve Analysis (-2.36mm)	ASTM D 4749	1% to 30%
		Sulphur	ASTM D 4239	0.1% to 5.48%
		Moisture	ASTM D 7582	1% to 22%
		Ash	ASTM D 7582	1% to 45%

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