

Laboratory NTPC/VSTPP Coal Analysis Laboratory, P.O. Vindhyanagar, Dist: Singrauli, Madhya Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 24.05.2015

Certificate Number T-3416 **Valid Until** 23.05.2017

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	COAL COKE & OTHER SOLID FUEL			
1.	Coal	Total Moisture	ASTM D 3302/D 3302M: 2012	10 % to 40 %
		Moisture	IS 1350 (Part 1): 1984 (RA 2007) ASTM D 7582: 2012 ASTM D 3173: 2011	1 % to 25 %
		Volatile Matter	IS 1350 (Part 1): 1984 (RA 2007) ASTM D 7582: 2012 ASTM D 3175: 2011	15 % to 40 % 20 % to 50 %
		Ash	IS 1350 (Part 1): 1984 (RA 2007) ASTM D 7582: 2012 ASTM D 3174: 2011	20 % to 60 % 1 % to 25 %
		Sulphur	ASTM D 4239: 2014	0.05 % to 5 %
		Gross Calorific Value	ASTM D 5865: 2013	3000 kcal/kg to 7000 kcal/kg

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