

Laboratory Coal Testing Laboratory, Guru Nanak Dev Thermal Plant (GNDTP),
Malout Road, Bathinda, Punjab

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 22.09.2016

Certificate Number T-4128 **Valid Until** 21.09.2018

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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. SOLID FUELS					
1.	Coal	Total Moisture	IS 1350 (Part 1): 1984 (RA 2013) In house method CTLGNDTP/ INHOUSE/01/Rev. 01	1 % to 25 % 1 % to 15 %	
		Moisture at 60 percent Relative Humidity and 40° C.	IS 1350 (Part 1): 1984 (RA 2013) Clause. 6.7	0.5 % to 15 %	
		Proximate Analysis			
		Moisture	IS 1350 (Part 1): 1984 (RA 2013)	0.5 % to 15 %	
		Ash	IS 1350 (Part 1): 1984 (RA 2013)	10 % to 55 %	
		Volatile Matter	IS 1350 (Part 1): 1984 (RA 2013)	10 % to 40 %	
		Gross Calorific Value	IS 1350 (Part 1): 1984 (RA 2013)	2000 kcal/kg to 7000 kcal/kg	

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