

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

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 22.08.2016

**Certificate Number** T-3082 **Valid Until** 21.08.2018

**Last Amended on** 10.10.2016 **Page** 1 of 1

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I. SOLID FUELS</b>				
1.	Coal	Residual Moisture	ASTM D3302: 2012 Clause. 9.3	1 % to 20 %
		Moisture	IS 1350 (Part 1): 1984 (RA 2002) Clause. 6.4.2	0.5 % to 20 %
		Equilibrated Moisture (60 % RH and 40° C Temp.)	IS 1350 (Part 1): 1984 (RA 2002) Clause. 6.7.1	0.5 % to 20 %
		Ash	ASTM D3174: 2012	2 % to 60 %
			IS 1350 (Part 1): 1984 Clause. 8.0	2 % to 60 %
		Volatile Matters	ASTM D3175: 2012	18 % to 55 %
Gross calorific Value	ASTM D5865 : 2012	2200 kCal/kg to 10000 kCal/kg		
	IS 1350 (Part 2): 1970 (RA 2000)	2200 kCal/kg to 10000 kCal/kg		

~~-X-X-X-X-X-X-X-X-X-X-X-X-~~

**Jitendra B. Vispute**  
Convenor

**N. Venkateswaran**  
Program Manager