

Laboratory	Chemical Laboratory, Vidarbha Industries Power Limited, DM Plant, D-3, MIDC, Butibori, Nagpur, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	28.05.2015
Certificate Number	T-3446	Valid Until	27.05.2017
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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 AND OTHER SOLID FUELS				
1.	Coal	Total Moisture	IS 1350 (Part 1): 1984 (RA 2007)	5 % 50%
		Moisture	IS 1350 (Part 1): 1984 (RA 2007)	1 % to 25 %
		Ash	IS 1350 (Part 1): 1984 (RA 2007)	1 % to 50 %
		Volatile Matter	IS 1350 (Part 1): 1984 (RA 2007)	15 % to 45 %
		Fixed Carbon	IS 1350 (Part 1): 1984 (RA 2007)	Qualitative
		Gross Calorific Value	ASTM D 5865: 2013	3300 kcal/kg to 8300 kcal/kg
		Sulphur	IS 1350 (Part 3): 1969 (RA 2010)	0.05 % to 1.0 %
II. LUBRICANTS				
1.	Lube Oil	Kinematic Viscosity	IS 1448 (Part 25): 1976 (RA 2013)	20 cSt to 68 cSt
		Water Content	IS 2362: 1993 (RA 2010)	10 mg/l to 100 mg/l
		Total Acid Number	IS 1448 (Part 2): 1967 (RA 2013)	0.05 mg KOH/g to 0.300 mg KOH/g

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