

<b>Laboratory</b>	<b>Inspectorate Griffith India Pvt. Ltd., Hospet Laboratory, R-26, Industrial Estate, Dam Road, Bellary District, Hospet, Karnataka</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>11.01.2016</b>
<b>Certificate Number</b>	<b>T-2802</b>	<b>Valid Until</b>	<b>10.01.2018</b>
<b>Last Amended on</b>	<b>29.01.2016</b>	<b>Page</b>	<b>1 of 2</b>

<b>S. No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I.</b>	<b>ORES &amp; MINERALS</b>			
<b>1.</b>	<b>Iron Ore</b>	Total Iron as Fe	IS 1493 (Part 1): 1981	20 % to 70 %
		Silica as SiO <sub>2</sub>	IS 1493 (Part 1): 1981	0.5 % to 15 %
		Alumina as Al <sub>2</sub> O <sub>3</sub>	IS 1493 (Part 1): 1981	0.2 % to 7.0 %
		Sulphur as S	IS 1493: 1959	0.003 % to 1.00 %
		Phosphorous as P	IS 1493 (Part 1): 1981	0.005 % to 1.00 %
		Manganese as Mn	ISO 9682-2: 2006(E)	0.02 % to 8.0 %
		Loss on Ignition	IGI/TPM/LAB/HPT/2.8	0.2 % to 15 %
		Apparent specific gravity True specific gravity	IS 11896: 1986	1.0 g/cc to 5.0 g/cc
<b>II.</b>	<b>COAL, COKE &amp; OTHER SOLID FUEL</b>			
<b>1.</b>	<b>Coal</b>	Moisture in Analysis Sample (IM)	IS 1350 (Part 1): 1984	0.10 % to 30 %
		Ash	IS 1350 (Part 1): 1984	2 % to 50 %
		Volatile Matter, VM	IS 1350 (Part 1): 1984	0.50 % to 50 %
		Fixed Carbon, FC	IS 1350 (Part 1): 1984	30.0 % to 95.0 %
		Gross Calorific Value, GCV	IS 1350 (Part-2): 1970	2000 kcal/kg to 10000 kcal/kg
		Sulphur as S	IS 1350 (Part 3): 1969	0.05 % to 6 %

