

**Laboratory**                      **Chemical & Electrical Testing Laboratory, Rosa Power Supply Company Limited, Administrative Building, Hardoi Road, P. O. Rausar Kothi, Tehsil-Sadar, District Shahjahanpur, Uttar Pradesh**

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

**Certificate Number**        **TC-5583 (in lieu of T-2396 & T-2397)**

**Page 1 of 2**

**Validity**                        **23.02.2017 to 22.02.2019**

**Last Amended on 08.05.2017**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	<b>SOLID FUELS</b>			
1.	<b>Coal</b>	Total Moisture	IS: 1350 (Part 1)	5 % to 50 %
		Moisture Analysis	IS: 1350 (Part 1)	1.0 % to 20 %
		Ash	IS: 1350 (Part 1)	4.0 % to 50 %
		Volatile Matter	IS: 1350 (Part 1)	10 % to 50 %
		Gross Calorific Value	ASTM: D 5865	2500 kcal /kg to 8000 kcal /kg

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**Prachi Kukreti**  
Convenor

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**N. Venkateswaran**  
Program Director

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**ELECTRICAL TESTING**

I.	<b>ELECTRICAL MATERIALS - LIQUID DIELECTRIC MATERIALS</b>			
1.	<b>Transformer Oil (New &amp; Used)</b>	Electric Strength	IS 6792	Upto100 kV
II.	<b>MEASURING INSTRUMENTS- ELECTRICAL AND ELECTRONIC (STATIC) ENERGY METERS</b>			
1.	<b>Energy Meter (0.2S Class)</b>	Limit of Error (Accuracy)	IS 14697	0.2 %

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