

**Laboratory**                      **Rewari Terminal Laboratory, Indian Oil Corporation Limited (Marketing Division), Rewari- Bawal Road, Village Karnawas, Rewari, Haryana**

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

**Discipline**                      **Chemical Testing**                      **Issue Date**    **19.10.2014**

**Certificate Number**        **T-3150**                                      **Valid Until**    **18.10.2016**

**Last Amended on**         **-**    **Page**            **1 of 2**

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. PETROLEUM</b>				
<b>1.</b>	<b>Motor Spirit (MS)</b>	Density	IS 1448 (Pt-16): 1990 RA 2013	600 to 1000 kg/m <sup>3</sup>
		Distillation	IS 1448 (Pt-18): 1991 RA 2011	27 to 300 °C
		Sulphur Content	ISO 20847:2004	17 to 300 mg /kg by Mass
		Copper corrosion Test	IS 1448 (Pt-15): 2004 RA 2011	1 to 4 Rating
		Existent Gum	IS 1448 (Pt-29): 2004 RA 2011	0.4 to 100 mg/100 ml
<b>2.</b>	<b>High Speed Diesel (HSD)</b>	Density	IS 1448 (P-16): 1990 RA 2013	600 to 1000 kg/m <sup>3</sup>
		Distillation	IS 1448 (Pt-18): 1991 RA 2011	30 to 370 °C
		Flash point (Abel Method B)	IS 1448 (Pt-20) Method B: 1998 RA:2013	19 to 70 °C
		Kinematic Viscosity at 40 <sup>0</sup> C	IS 1448 (Pt-25): 1976 RA 2013	2.0 to 8.0 cSt
		Sulphur Content	ASTM:D-4294 : 2010	17 to 500 mg/kg by mass

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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
	<b>High Speed Diesel (HSD)</b>	Copper corrosion Test	IS 1448 (Pt-15): 2004 RA 2011	1 to 4 Rating
		Pour point	IS 1448 (Pt-10) (Sec 2): 2013	-3 to 48°C
3.	<b>Superior Kerosene Oil (SKO)</b>	Density	IS 1448 (Pt-16): 1990 RA: 2013	600 to 1000 kg/m <sup>3</sup>
		Distillation	IS 1448 (Pt-18): 1991 RA 2011	30 to 350 °C
		Flash point (Abel Method B)	IS 1448 (P-20) Method B: 1998 RA 2013	19 to 70 °C
		Smoke point	IS 1448 ( Pt-31) : 1968 RA:2013	10 mm to 50 mm
		Copper corrosion Test	IS 1448 (Pt-15): 2004 RA 2011	1 to 4 Rating

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