

Laboratory Indian Oil Corporation Limited (MD), Rajbandh Terminal Laboratory,
Rajbandh, Durgapur, Dist. Burdwan, West Bengal

Accreditation Standard ISO/IEC 17025:2005

Discipline Chemical Testing **Issue Date** 31.01.2014

Certificate Number T-1287 **Valid Until** 30.01.2016

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
PETROLEUM PRODUCTS				
1.	HSD	Colour	ASTM D-1500-2007	0.0 to 8.0
2.	MOTOR GASOLINE, KEROSENE, HSD, LDO, FO	Density	IS 1448: P: 16 -2007	700 kg/m ³ to 1000 kg/m ³
3.	MOTOR GASOLINE, KEROSENE, HSD	Distillation 25°C to 380°C	IS 1448: P: 18-1991	5% by vol. to 100% by vol.
4.	KEROSENE, HSD	Flash Point, Abel	IS 1448:P : 20-1998	19°C to 70°C
5.	LDO, FO	Flash Point, PMCC	IS 1448:P:21-2012	55°C to 110°C
6.	HSD, FO	Kinematic Viscosity	IS 1448:P : 25-1976	1.0 cSt to 380 cSt
7.	HSD, FO	Ash Content	IS 1448:P : 4-2008	0.0001% by wt. to 1.0% by wt.
8.	KEROSENE	Burning Quality	IS 1448:P: 5-1970	1 mg/kg to 30 mg/kg
9.	MOTOR GASOLINE, KEROSENE, HSD	Sulphur	ASTM D:4294-2010	50 mg/kg to 2500 mg/kg
10.	KEROSENE	Smoke point	IS 1448:P : 31-1968	5 mm to 40 mm
11.	MOTOR GASOLINE, KEROSENE, HSD	Copper Strip Corrosion	IS 1448:P: 15 -2004	1 to 4
12.	MOTOR GASOLINE	Existent Gum	IS 1448:P: 29 -2004	1 g/m ³ to 1000 g/m ³

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

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13.	MOTOR GASOLINE	Reid Vapour pressure	IS 1448:P : 39 -2012	10 kpa to 70 kpa
14.	HSD	Rams bottom Carbon Residue	IS 1448:P : 8-2012	0.0 to 10% by mass
15.	HSD , FO	Sediment by Extraction	IS 1448:P: 30 -2013	0.0 to 2 % mass
16.	HSD, LDO	Pour Point	IS 1448:P : 10-2013	+ 30 °C to (-) 21 °C
17.	HSD, FO	Water Content	IS 1448:P: 40 -1987	0.05 % by vol. to 100 % by vol.

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