

Laboratory	Indian Oil Corporation Limited- Ahmedabad Laboratory, Ahmedabad Terminal, Bareja, Taluka Daskroi, Off NH - 8, Ahmedabad, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	18.12.2014
Certificate Number	T-1765	Valid Until	17.12.2016
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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. PETROLEUM				
1.	MS,HSD,SKO	Copper Strip Corrosion Test	IS 1448 (Part 15): 2004 IP 154: 2000 ASTM D 130: 2010	1 - 4 Classification
2.	MS	Density by Hydrometer	(Part 16): 2007 IP 160: 1999 ASTM D1298: 2012	710 kg/m ³ to 770 kg/m ³
	HSD			820 kg/m ³ to 860 kg/m ³
	SKO			780 kg/m ³ to 830 kg/m ³
	FO			830 kg/m ³ to 900 kg/m ³
	LDO			900 kg/m ³ to 970 kg/m ³
3.	MS, SKO HSD	Distillation	(Part 18): 2006 IP 123: 2001 ASTM D 86: 2012	Upto 300 °C Upto 400 °C
4.	HSD, SKO	Flash Point (Abel)	(Part 20): 2004 IP 170: 2009	25 °C to 66.5 °C
5.	FO, LDO	Flash Point (PMCC)	(Part 21): 2003 IP 34: 2003 ASTM D 93: 2013	40 °C to 110 °C
6.	HSD, LDO, FO	Kinematic Viscosity	(Part 25): 2007 ASTM D 445: 2012	1.5 cSt to 300 cSt
7.	HSD	Pour Point	(Part 10): 2003 IP 15: 2004 ASTM D 97: 2011	-12 °C to 18 °C

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8.	FO	Sediment by Extraction	(Part 30): 2003 IP 53: 2000 ASTM D 473: 2007	0.01 % to 0.4 % wt.
9.	SKO	Smoke Point	(Part 31): 2003 IP 57: 2003 ASTM D 1322: 2012	10 mm to 30 mm
10.	FO	Water Content by Distillation	(Part 40): 2006 IP 74: 2001 ASTM D 95: 2013	>0.05 % (by vol)

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