National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ROORKEE TERMINAL LABORATORY - INDIAN OIL CORPORATION LIMITED, LANDHAURA, ROORKEE, HARIDWAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11280 **Page No** 1 of 3

Validity 11/01/2023 to 10/01/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Appearance	IS 1460
2	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Calculated Cetane Index	ASTM 4737
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Color (Visual)	IS 1460
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Copper Strip Corrosion Test	IS 1448 (Part 15)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Density by Hydrometer	IS 1448 (Part 16)
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Distillation (95 % V/V Recovery)	ASTM D86
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Distillation (95 % V/V Recovery)	IS 1448 (Part 18)
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Flash Point (Abel)	IS 1448 (Part 20)
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Flash Point (Auto)	IP 170
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Kinematic Viscosity at 40 °C	ASTM D7042
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Kinematic Viscosity at 40 °C	IS 1448 (Part 25)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Pour Point	IS 1448 (Part 10)
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD/XTRAGREEN HSD)	Total Sulphur	ASTM D5453
14	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	IS 1459
15	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Color (Visual)	IS 1459
16	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion Test	IS 1448 (Part 15)
17	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	IS 1448 (Part 16)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Auto (% Recovered below 200 °C)	ASTM D86

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Auto (Final Boiling Point)	ASTM D86
20	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Manual (% Recovered below 200 °C)	IS 1448 (Part 18)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Manual (Final Boiling Point)	IS 1448 (Part 18)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS 1448 (Part 20)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Auto)	IP 170
24	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448 (Part 31)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ISO 3014
26	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D4294
27	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D5453
28	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (Residue)	IS 1448 (Part 8)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Appearance	IS 2796
30	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Color (Visual)	IS 2796
31	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Copper Strip Corrosion Test	IS 1448 (Part 15)
32	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Density by Hydrometer	IS 1448 (Part 16)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 100°C)	ASTM D86
34	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 100°C)	IS 1448 (Part 18)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 150°C)	ASTM D86
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 150°C)	IS 1448 (Part 18)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 70°C)	ASTM D86

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation (% Evaporated at 70°C)	IS 1448 (Part 18)
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation Auto (Final Boiling Point)	ASTM D86
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation Auto (Residue)	ASTM D86
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Distillation Manual (Final Boiling Point)	IS 1448 (Part 18)
42	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Gum Content (Solvent Washed)	IS 1448 (Part 29)
43	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MS/MSXP/EBMS/EBXP)	Total Sulphur	ASTM D5453