National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN OIL CORPORATION LIMITED, TRICHY SMART LABORATORY, PLOT NO.191, SIDCO INDUSTRIAL ESTATE, THIRUCHIRAPALLI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10029 **Page No** 1 of 3

Validity 26/07/2022 to 25/10/2023 **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	Cetane Index (Calculated)	ASTM D4737
2	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Cetane Index (Calculated)	IP 380
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Density by Digital Density Meter at 15 °C	ASTM D4052
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Density by Hydrometer at 15 °C	IS 1448 (Part 16)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Density by Hydrometer at 15°C	ASTM D1298
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Auto, 10 % recovery at °C	ASTM D86
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Auto, 50 % recovery at °C	ASTM D86
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Auto, 90 % recovery at °C	ASTM D86
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Auto, 95% recovery at °C	ASTM D86
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Manual, 10 % recovery at °C	IS 1448 (Part 18)
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Manual, 50 % recovery at °C	IS 1448 (Part 18)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Manual, 90 % recovery at °C	IS 1448 (Part 18)
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Distillation: Manual, 95 % recovery at °C	IS 1448 (Part 18)
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Kinematic Viscosity at 40 °C	ASDM D445
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Kinematic Viscosity at 40°C	IS 1448 (Part 25/Sec 1))
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Pour Point	ASTM D97
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel	Pour Point	IS 1448 (Part 10/Sec 2))
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel & Kerosene	Flash Point (PMCC)	ASTM D93

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel, Kerosene	Flash Point (Abel) - Auto	IP 170
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel, Kerosene	Flash Point (Abel) - Manual	IS 1448 (Part 20)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel, Kerosene	Flash Point (PMCC)	IS 1448 (Part 21)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Digital Density Meter at 15 °C	ASTM D4052
23	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer at 15 °C	ASTM D1298
24	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer at 15 °C	IS 1448 (Part 16)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Auto, % recovered below 200 °C	ASTM D86
26	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Auto, FBP	ASTM D86
27	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Manual, % recovered below 200 °C	IS 1448 (Part 18)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Manual, FBP	IS 1448 (Part 18)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ASTM D1322
30	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448 (Part 31)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ISO 3014
32	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D 5453
33	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Density by Hydrometer at °C	ASTM D1298
34	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Auto, % evaporated at 100 °C	ASTM D86
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Auto, % evaporated at 150 °C	ASTM D86
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Auto, % evaporated at 70 °C	ASTM D86
37	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Auto, FBP	ASTM D86

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Auto, residue % by vol.	ASTM D86
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Manual, % evaporated at 100 °C	IS 1448 (Part 18)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Manual, % evaporated at 150 °C	IS 1448 (Part 18)
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Manual, % evaporated at 70 °C	IS 1448 (Part 18)
42	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Manual, FBP	IS 1448 (Part 18)
43	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Distillation: Manual, Residue % by vol.	IS 1448 (Part 18)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & Ethanol Blended Motor Gasoline	Gum Content (Solvent Washed)	ASTM D381
45	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Density by Digital Density Meter at 15°C	ASTM D4052
46	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Density by Hydrometer at 15°C	IS 1448 (Part 16)
47	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Gum Content (Solvent Washed)	IS 1448 (Part 29)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline & Kerosene	Color Visual	LTY/CV/01
49	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel & Kerosene	Corrosiveness to Copper - Copper Strip Test	ASTM D130
50	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel Fuel	Total Sulphur	ASTM D5453
51	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Kerosene & Automotive Diesel	Appearance	LTY/App/01
52	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Kerosene, Automotive Diesel Fuel	Corrosiveness to Copper - Copper Strip Test	IS 1448 (Part 15)