National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PANIPAT MARKETING COMPLEX LABORATORY, INDIAN OIL CORPORATION LTD, PANIPAT MARKETING COMPLEX, BAHOLI, PANIPAT, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7530 **Page No** 1 of 3

Validity 04/03/2023 to 03/03/2025 **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	Anhydrous Ethanol	Acidity (as CH3COOH)	IS 15464 Annex D
2	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Aldehyde Content (as CH3CHO)	IS 15464 Annex E
3	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Alkalinity	IS 15464 Annex D
4	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Appearance (Visual)	IS 15464
5	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Ethanol Content	IS 15464 Annex B
6	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Miscibility With Water	IS 15464 Annex J
7	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Relative Density/Specific Gravity @ 15.6°C	IS 15464 Annex A
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance	IS 1460
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ASTM D4737
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation @ 95% Volume Recovery	ASTM D86
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation @ 95% Volume Recovery	IS 1448 (Part 18)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS 1448 (Part 10/Section 2)
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100)	Flash Point (PMCC)	ASTM D93
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100)	Flash Point (PMCC)	IS 1448 (Part 21)
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100)	Kinematic Viscosity @ 40°C	ASTM D7042
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100)	Kinematic Viscosity @ 40°C	ASTM D445
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100)	Kinematic Viscosity @ 40°C	IS 1448 (Part 25/Section 1)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100) , Superior Kerosene Oil, Motor Gasoline	Density By Hydrometer Method	ASTM D1298

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100) Jet A1, Superior Kerosene Oil, Motor Gasoline	Density By Hydrometer Method	IS 1448 (Part 16)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100), Superior Kerosene Oil, Motor Gasoline	Copper Strip Corrosion Test	IS 1448 (Part 15)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100), Superior Kerosene Oil, Motor Gasoline	Density By Digital Density Meter	ASTM D4052
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Bio Diesel (B-100), Superior Kerosene Oil, Motor Gasoline	Total Sulphur	ASTM D5453
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Superior Kerosene Oil	Flash Point (Abel) Auto	IP 170
24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel/Superior Kerosene Oil	Flash Point (Abel)	IS 1448 (Part 20)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B-100)	Acid Value	ASTM D974
26	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B-100)	Appearance (Visual)	IS 15607
27	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B-100)	CFPP (Cold Filter Plugging Point)	IS 1448 (Part 110)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B-100)	Colour (Visual)	IS 15607
29	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	IS 2796
30	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour	IS 2796
31	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (% Evaporated @ 70°C,100°C,150°C)	ASTM D86
32	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (%Evaporated @ 70°C,100°C,150°C)	IS 1448 (Part 18)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (FBP)	ASTM D86
34	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (FBP)	IS 1448 (Part 18)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Residue)	ASTM D86
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Residue)	IS 1448 (Part 18)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum Content (Solvent Washed)	IS 1448 (Part 29)

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Appearance	IS 1459
39	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Colour	IS 1459
40	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Distillation (FBP)	ASTM D86
41	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Distillation (FBP)	IS 1448 (Part 18)
42	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Distillation (Recovery at 200°C)	ASTM D86
43	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Distillation (Recovery at 200°C)	IS 1448 (Part 18)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil	Smoke Point	IS 1448 (Part 31)