National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALLAHABAD TERMINAL LABORATORY, INDIAN OIL CORPORATION LIMITED (MD), PRAYAGARAJ, ALLAHABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5655 **Page No** 1 of 4

Validity 21/03/2022 to 20/03/2024 **Last Amended on** 29/03/2023

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 Annexure D
2	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Aldehyde Content (as CH3CHO)	IS 15464 Annexure E
3	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Alkalinity	IS 15464 Annexure D
4	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Appearance (Visual)	IS 15464
5	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Ethanol Content	IS 15464 Annexure B
6	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Miscibility With Water	IS 15464 Annexure J
7	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Relative Density/Specific gravity at 15.6/15.6°C	IS 15464 Annexure A
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance	ASTM D 4176
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Auto Flash Point (Abel)	IP170
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ASTM D4737
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Colour-Visual	IS1460 (Visual)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion Test	IS1448 Part 15
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Digital Density Meter	ASTM D4052
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	IS1448 Part 16
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation: 95% v/v, recovery	ASTM D86
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation: 95% v/v, recovery	IS1448 Part 18
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS1448 Part 20
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity at 40°C	ASTM D7042

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity at 40°C	IS1448 Part 25
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS1448 Part 10/sec2
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D5453
22	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Acid Value	ASTM D974
23	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Appearance (Visual)	IS 15607
24	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Cold Filter Plugging Point (CFPP)	IS 1448 (Part 110)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Colour (Visual)	IS 15607
26	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Copper Strip Corrosion Test	IS 1448 (Part 15)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Density by Digital Densitometer	ASTM D4052
28	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Density by Hydrometer Method	IS 1448 (Part 16)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Flash Point by PMCC	IS 1448 (Part 21)
30	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Kinematic Viscosity at 40°C	IS 1448(Part 25/Section 1)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Kinematic Viscosity at 40°C (Auto)	ASTM D7042
32	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Total Sulphur	ASTM D5453
33	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Water Content	IS 1448 (Part 182)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	IS1459 (Visual)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Auto Flash Point (Abel)	IP170
36	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour-Visual	IS1459 (Visual)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion Test	IS1448 P 15

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Digital Density Meter	ASTM D4052
39	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	IS1448: Part 16
40	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: % recovered below 200°C	ASTM D86
41	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: % recovered below 200°C	IS1448 Part 18
42	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Final Boiling Point	ASTM D86
43	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Final Boiling Point	IS1448 Part 18
44	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS1448 Part 20
45	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS1448 Part 31
46	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D5453
47	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	IS 2796 (Visual)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour-Visual	IS 2796 (Visual)
49	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	IS 1448 P 15
50	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Digital Density Meter	ASTM D 4052
51	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Hydrometer	IS1448: Part 16
52	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 100°C	ASTM D86
53	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 100°C	IS1448 Part 18
54	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 150°C	ASTM D86
55	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 150°C	IS 1448 Part 18
56	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 70°C	ASTM D86

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: % Evaporated at 70°C	IS1448 Part 18
58	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: Final Boiling Point	ASTM D86
59	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: Final Boiling Point	IS1448: Part 18
60	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: Residue	ASTM D86
61	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: Residue	IS1448 Part 18
62	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Existent Gum	IS1448 P 29
63	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ASTM D5453