National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UNA TERMINAL LABORATORY, INDIAN OIL CORPORATION LIMITED, PEKHUBELBA, UNA-SANTOSH GARH ROAD, INDIAN OIL BULK TERMINAL, UNA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9273 **Page No** 1 of 3

Validity 19/02/2023 to 18/02/2025 **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	CETANE INDEX CALCULATED	ASTMD-4737
2	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation : Manual 95% Recovery	IS1448/ Part-18
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	FLASH POINT (ABEL)	IS1448 / Part-20
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	POUR POINT	IS1448/ Part-10 Sec 2
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	DENSITY BY HYDROMETER	IS1448/ Part-16
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and Biodiesel	SULPHUR BY D-5453	ASTM D 5453
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Digital Density Meter	ASTM D 4052
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation AUTO; 95% v/v, recovery	ASTM D 86
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel & Kerosene	FLASH POINT AUTO, ABEL	IP 170
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and Bio Disel	KINEMATIC VISCOSITY @ 40°C	ASTM 7042
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and Bio Disel	KINEMATIC VISCOSITY @ 40°C	IS1448/ Part-25
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel, Motor Gasoline, Kerosene and Bio Disel	Appearance(Visual)	QCD-7.2-WI-01
13	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	Density by Digital Density Meter	ASTM D : 4052
14	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	DENSITY BY HYDROMETER	IS 1448 Part: 16
15	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Disel	Acid value	ASTMD-974
16	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel	CFPP	IS 1448: P-110
17	CHEMICAL- PETROLEUM AND PRODUCTS	Biodiesel	FLASH POINT,PMCC	IS 1448 Part : 21
18	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance(Visual)	IS 15464

SCOPE OF ACCREDITATION

Laboratory Name : UNA TERMINAL LABORATORY, INDIAN OIL CORPORATION LIMITED, PEKHUBELBA, UNA-SANTOSH GARH ROAD, INDIAN OIL BULK TERMINAL, UNA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9273 **Page No** 2 of 3

Validity 19/02/2023 to 18/02/2025 **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
19	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Acidity	IS 15464 Annexure D
20	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Aldehyde Content	IS 15464 Annexure-E
21	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Alkalinity	IS 15454 Annexure D
22	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol content	IS 15464 Annex B(IS 2302)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS 15464 Annex J
24	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative density/Specific Gravity at 15.6 °C	IS 15464 Annex A
25	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Digital Density Meter	ASTM D 4052
26	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	DENSITY BY HYDROMETER	IS1448/Part-16
27	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation : AUTO, % Vol. Recovery at 200°C	ASTM D 86
28	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation : Manual Rec@200°C	IS1448 / Part-18
29	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation : Manual, FBP	IS1448 / Part-18
30	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Auto. FBP	ASTM D 86
31	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	FLASH POINT (ABEL)	IS1448 P-20
32	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	SMOKE POINT	IS1448/ Part-31
33	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	SMOKE POINT	ISO 3014
34	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	SULPHUR BY D-5453	ASTM D 5453
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	SULPHUR BY D-5453	ASTM D-5453
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	DENSITY BY HYDROMETER	IS1448/ Part-16

SCOPE OF ACCREDITATION

Laboratory Name : UNA TERMINAL LABORATORY, INDIAN OIL CORPORATION LIMITED, PEKHUBELBA, UNA-SANTOSH GARH ROAD, INDIAN OIL BULK TERMINAL, UNA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9273 **Page No** 3 of 3

Validity 19/02/2023 to 18/02/2025 **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
37	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Manual percent evaporated at 70°C, E 70°C), percent v/v:	IS1448 / Part-18
38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Density by Digital Density Meter	ASTM D 4052
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation : AUTO, FBP	ASTM D 86
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation : Manual, FBP	IS1448/ Part-18
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation : Residue, percent by volume	IS1448 / Part-18
42	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Auto percent evaporated at 100°C, E 100°C), percent v/v	ASTM D 86
43	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Auto percent evaporated at 150°C, E 150°C), percent v/v	ASTM D 86
44	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Auto Percent evaporated at 70°C, E 70°C), percent v/v:	ASTM D 86
45	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Manual percent evaporated at 100°C, E 100°C), percent v/v:	IS1448 / Part-18
46	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	Distillation: Manual percent evaporated at 150°C, E 150°C), percent v/v:	IS1448 / Part-18
47	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene	EXISTENT GUM	IS1448 / Part-29
48	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasolene, Automotive Diesel Fuel,Kerosene and Bio Disel	Cu STRIP CORROSION TEST	IS1448/Part-15
49	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation Residue	ASTM D 86
50	CHEMICAL- PETROLEUM AND PRODUCTS	Motor gasoline,Kerosene and Bio Disel	Colour	Visual QCD-7.2-WI-04