National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HINDUSTAN PETROLEUM CORPORATION LIMITED, GUWAHATI QC LAB, GUWAHATI IRD, NH - 37 BY PASS, P.O. SAWKUCHI, GUWAHATI, KAMRUP METROPOLITAN, ASSAM, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11203 **Page No** 1 of 2

Validity 10/12/2022 to 09/12/2024 **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	Calculated Cetane Index	ASTM D4737
2	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ISO 4264
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density at 15°C	ASTM D1298
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density at 15°C	IS 1448 (Part 16)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation 95% V/V Recovery Temperature	ASTM D86
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation 95% V/V Recovery Temperature	IS 1448 (Part 18)
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point Abel	IP 170
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point Abel	IS 1448 (Part 20)
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity at 40 ºC	ASTM D445
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity at 40 ºC	IS 1448 (Part 25)
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	ASTM D97
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS 1448 (Part 10/Section 2)
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D5453
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ISO 20846
15	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Density at 15°C	ASTM D1298
16	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Density at 15°C	IS 1448 (Part 16)
17	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 100°C	ASTM D86
18	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 100°C	IS 1448 (Part 18)

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 150°C	ASTM D86
20	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 150°C	IS 1448 (Part 18)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 70°C	ASTM D86
22	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation % Evaporated at 70°C	IS 1448 (Part 18)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation Final Boiling Point	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation Final Boiling Point	IS 1448 (Part 18)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation Residue	ASTM D86
26	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Distillation Residue	IS 1448 (Part 18)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Gum Content (Solvent Washed)	ASTM D381
28	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Gum Content (Solvent Washed)	IS 1448 (Part 29)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Research Octane Number	ASTM D2699
30	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Research Octane Number	IS 1448 (Part 27)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Total Sulphur	ASTM D5453
32	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline	Total Sulphur	ISO 20846
33	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel Fuel	Appearance	ASTM D4176
34	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel Fuel	Color	WI/ 29 Issue Date: 01.04.2022
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel Fuel	Copper Corrosion Test	ASTM D130
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline, Ethanol Blended Motor Gasoline, Automotive Diesel Fuel	Copper Corrosion Test	IS 1448 (Part 15)