National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	HINDUSTAN PETROLEUM CORPORATION LIMITED, QUALITY CONTROL LABORATORY, KANPUR TERMINAL, RASULPUR GOGUMAU, GAJNER RAIPUR ROAD, KANPUR, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8451
Validity	22/06/2022 to 21/06/2024

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- LUBRICANTS	Lubricating Oils	Appearance	WI/KQCL/01 Issue no. 01 dt. 01.08.2018
2	CHEMICAL- LUBRICANTS	Lubricating Oils	COC Flash Point	ASTM D92
3	CHEMICAL- LUBRICANTS	Lubricating Oils	COC Flash Point	IS 1448 : Part 69
4	CHEMICAL- LUBRICANTS	Lubricating Oils	Colour	WI/KQCL/02 Issue no. 01 dt. 01.08.2018
5	CHEMICAL- LUBRICANTS	Lubricating Oils	Density by Hydrometer	ASTM D1298
6	CHEMICAL- LUBRICANTS	Lubricating Oils	Density by Hydrometer	IS 1448: Part 16
7	CHEMICAL- LUBRICANTS	Lubricating Oils	Density by Hydrometer	ISO 3675
8	CHEMICAL- LUBRICANTS	Lubricating Oils	Flash Point-PMCC	ASTM D93
9	CHEMICAL- LUBRICANTS	Lubricating Oils	Flash Point-PMCC	IS 1448: Part 21
10	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic Viscosity @ 100 ºC	ASTM D445
11	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic Viscosity @ 100 ºC	IS 1448 : Part 25/Sec 1
12	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic Viscosity @ 40 ºC	ASTM D445
13	CHEMICAL- LUBRICANTS	Lubricating Oils	Kinematic Viscosity @ 40 ºC	IS 1448: Part 25/Sec 1
14	CHEMICAL- LUBRICANTS	Lubricating Oils	Pour Point	ASTM D97
15	CHEMICAL- LUBRICANTS	Lubricating Oils	Pour Point	IS 1448: Part 10/Sec 2
16	CHEMICAL- LUBRICANTS	Lubricating Oils	Viscosity Index	ASTM D2270
17	CHEMICAL- LUBRICANTS	Lubricating Oils	Viscosity Index	IS 1448: Part 56
18	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Appearance	WI/KQCL/01 Issue no. 01 dt. 01.08.2018
19	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Colour	WI/KQCL/02 Issue no. 01 dt. 01.08.2018
20	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Density by Hydrometer	ASTM D1298
21	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Density by Hydrometer	IS 1448: Part 16
22	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Density by Hydrometer	ISO 3675
23	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP Residue	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP Residue	1448: Part 18

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8451 **Page No** 2 of 6

Validity 22/06/2022 to 21/06/2024 **Last Amended on** -

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25	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP Residue	ASTM D86
26	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP Residue	ISO 3405
27	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP Residue	ISO 3405
28	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Distillation: , Recovery, IBP, DP/FBP, Residue	IS 1448: Part 18
29	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Non-Volatile Residue,	IS 3470 (Annex A)
30	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Reaction of Non-Volatile Residue	IS 3470 (Annex B)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Sulphur, Total	ASTM D5453
32	CHEMICAL- PETROLEUM AND PRODUCTS	Food Grade Hexane	Sulphur, Total	ISO 20846
33	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Appearance	WI/KQCL/01 Issue no. 01 dt. 01.08.2018
34	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Calculated Cetane index	ASTM D4737
35	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Calculated Cetane index	ISO 4264
36	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Colour	WI/KQCL/02 Issue no. 01 dt. 01.08.2018
37	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Copper Corrosion test	ASTM D130
38	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Copper Corrosion test	IS 1448 (Part 15)
39	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Density by Hydrometer	ASTM D1298
40	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Density by Hydrometer	IS 1448 (Part 16)
41	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Density by Hydrometer	ISO 3675
42	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	IS 1448 (Part 18)
43	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	ASTM D 86

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8451 **Page No** 3 of 6

Validity 22/06/2022 to 21/06/2024 **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
44	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	ASTM D86
45	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	IS 1448 (Part 18)
46	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	ISO 3405
47	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation: Recovery,	ISO 3405
48	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point - PMCC	ASTM D93
49	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point - Abel	IP 170
50	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point - Abel	IS 1448 (Part 20)
51	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point - PMCC	IS 1448 (Part 21)
52	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Kinematic Viscosity @ 40 ºC	ASTM D445
53	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Kinematic Viscosity @ 40 ºC	IS 1448 (Part 25) Sec 1
54	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Pour Point	ASTM D97
55	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Pour Point	IS 1448: Part 10/Sec 2
56	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Total Sulfur	ASTM D5453
57	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Total Sulfur	ISO 20846
58	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Appearance	WI/KQCL/01 Issue no. 01 dt 01.08.2018
59	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Color	WI/KQCL/02 Issue no. 01 dt. 01st Aug
60	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Copper Corrosion test	ASTM D130
61	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Copper Corrosion test	IS 1448: Part 15
62	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Density by Hydrometer	ASTM D1298

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8451 **Page No** 4 of 6

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63	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Density by Hydrometer	IS 1448: Part 16
64	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Density by Hydrometer	ISO 3675
65	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporate	ISO 3405
66	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	ASTM D86
67	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	ASTM D86
68	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	ASTM D86
69	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	IS 1448 (Part 18)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	IS 1448: Part 18
71	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	IS 1448: Part 18
72	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	ISO 3405
73	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, % Evaporated	ISO 3405
74	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, FBP	ASTM D86
75	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, FBP	IS 1448 (Part 18)
76	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Distillation, FBP	ISO 3405
77	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Existing Gum	ASTM D381
78	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Existing Gum	IS 1448 (Part 29)
79	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Research Octane Number	ASTM D2699
80	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Research Octane Number	IS 1448 (Part 27)
81	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Total Sulphur	ASTM D5453

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Certificate Number TC-8451 **Page No** 5 of 6

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82	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol blended Motor Gasoline (EBMS)	Total Sulphur	ISO 20846
83	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Appearance	WI/KQCL/01 Issue no. 01 dt. 01.08.2018
84	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Colour	WI/KQCL/02 Issue no. 01 dt. 01.08.2018
85	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Colour, Saybolt	ASTM D156
86	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Colour, Saybolt	IS 1448: Part 14
87	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Copper Corrosion test	ASTM D130
88	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Copper Corrosion test	IS 1448: Part 15
89	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Density by Hydrometer	ASTM D1298
90	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Density by Hydrometer	IS 1448 (Part 16)
91	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Density by Hydrometer	ISO 3675
92	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation: Recovery, IBP /FBP, Residue	IS 1448: Part 18
93	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation: Recovery, IBP, FBP \Residue	ISO 3405
94	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation: Recovery, IBP, FBP, Residue	ASTM D86
95	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation: Recovery, IBP, FBP, Residue	ASTM D86
96	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation: Recovery, IBP, FBP, Residue	ISO 3405
97	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Distillation:, Recovery,	IS 1448: Part 18
98	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Flash Point- Abel	IP 170
99	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Flash Point -Abel	IS 1448: Part 20
100	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Smoke Point	ASTM D1322

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Certificate Number TC-8451 **Page No** 6 of 6

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101	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Smoke Point	IS 1448: Part 31
102	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Smoke Point	ISO 3014
103	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Sulphur, Total	ASTM D5453
104	CHEMICAL- PETROLEUM AND PRODUCTS	Super Kerosene Oil (SKO)	Sulphur, Total	ASTM D5453