National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	HPCL MATHURA QUALITY CONTROL LABORATORY, D-2 UPSIDC, INDUSTRIAL AREA, SITE-B, MATHURA, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-9335
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Validity	23/03/2023 to 22/03/2025
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	Fuel Oil (FO)	Appearance	WI/MQCL/01 Issue No. 1
2	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Colour	WI/MQCL/02 Issue no. 01
3	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Density by hydrometer	ASTM D 1298
4	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Density by hydrometer	IS 1448 (Part 16)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Flash Point (PMCC)	ASTM D 93
6	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Flash Point (PMCC)	IS 1448 (Part 21)
7	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Kinematic Viscosity @ 50°C	ASTM D 445
8	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Kinematic Viscosity @ 50°C	IS 1448 (Part 25) Sec 1
9	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Pour Point	IS 1448 (Part 10) Sec 2
10	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Sediments	IS 1448 (Part 30)
11	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Total Sulfur	ASTM D 4294
12	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Total Sulfur	ISO 8754
13	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Water Content	IS 1448 (Part 40)
14	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Appearance	WI/MQCL/01 Issue No. 1
15	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Colour	WI/MQCL/02 Issue no. 01
16	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Density by hydrometer	ASTM D1298
17	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Density by hydrometer	IS 1448 (Part 16)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Flash Point (PMCC)	ASTM D 93

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Flash Point (PMCC)	IS 1448 (Part 21)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Kinematic Viscosity @ 40°C	ASTM D 445
21	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Kinematic Viscosity @ 40°C	IS 1448 (Part 25) Sec 1
22	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Pour Point	IS 1448 (Part 10) Sec 2
23	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Sediments	IS 1448 (Part 30)
24	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Total Sulphur	ASTM D4294
25	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Total Sulphur	ISO 8754
26	CHEMICAL- PETROLEUM AND PRODUCTS	Heating Oil / Light Diesel Oil (LDO)	Water content	IS 1448 (Part 40)
27	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF	Copper Strip Corrosion	IS 1448 (Part 15)
28	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF	Kinematic Viscosity @ 40°C	ASTM D 445
29	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Appearance	WWI/MQCL/01 Issue No. 1
30	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Calculated Cetane Index	ASTM D4737
31	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Calculated Cetane Index	ISO 4264
32	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Colour	WI/MQCL/02 Issue no. 01
33	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Density by hydrometer	ASTM D 1298
34	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Density by hydrometer	IS 1448 (Part 16)
35	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	ASTM D 86
36	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	ASTM D 86
37	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	IS 1448 (Part 18)

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38	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	IS 1448 (Part 18)
39	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	ISO 3405
40	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Distillation	ISO 3405
41	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point (PMCC)	ASTM D 93
42	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point (PMCC)	IS 1448 (Part 21)
43	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Flash Point, Abel	IS 1448 (Part 20)
44	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Kinematic Viscosity @ 40°C	IS 1448 (Part 25) Sec 1
45	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Pour Point	IS 1448 (Part 10) Sec 2
46	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Total Sulfur	ASTM D5453
47	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD) / Automotive Diesel Fuel (ADF)	Total Sulfur	ISO 20846
48	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Appearance	WI/MQCL/01 Issue No. 1
49	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Colour	WI/MQCL/02 Issue no. 01
50	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Copper Strip Corrosion	IS 1448 (Part 15)
51	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Density by hydrometer	ASTM D 1298
52	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Density by hydrometer	IS 1448 (Part 16)
53	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	ASTM D 86
54	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	ASTM D 86
55	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	IS 1448 (Part 18)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	IS 1448 (Part 18)

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	ISO 3405
58	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Distillation	ISO 3405
59	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Gum content	IS 1448 (Part 29)
60	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Total Sulphur	ASTM D 5453
61	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit (MS) / Motor Gasoline (MG) / Ethanol Blended Motor Spirit (EBMS)	Total Sulphur	ISO 20846
62	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Appearance	WI/MQCL/01 Issue No. 1
63	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Colour	WI/MQCL/02 Issue no. 01
64	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Copper Strip Corrosion	IS 1448 (Part 15)
65	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Density by hydrometer	ASTM D 1298
66	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Density by hydrometer	IS 1448 (Part 16)
67	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	ASTM D 86
68	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	ASTM D 86
69	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	IS 1448 (Part 18)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	IS 1448 (Part 18)
71	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	ISO 3405
72	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Distillation	ISO 3405
73	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Flash Point Abel	IS 1448 (Part 20)
74	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Saybolt Color	IS 1448 (Part 14)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Smoke Point	IS 1448 (Part 31)

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76	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Total Sulfur	ASTM D 4294
77	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Total Sulfur	ASTM D 5453
78	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene Oil (SKO) / Kerosene	Total Sulfur	ISO 8754