National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HPCL, VIJAYAWADA QC LAB, KATTUBADIPALEM, VIJAYAWADA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8849 **Page No** 1 of 4

Validity 28/03/2023 to 27/03/2025 **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	ATF	ACIDITY	ASTM D 3242
2	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Acidity total	IS 1448 P 113
3	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation Loss	IS 1448 P18
4	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation Loss,	ASTM D86
5	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 10% recovery at	ASTM D 86
6	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 10% recovery at	IS 1448 P 18
7	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 50% recovery at	ASTM D 86
8	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 50% recovery at	IS 1448 P 18
9	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 90% recovery at	ASTM D 86
10	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation, 90% recovery at	IS 1448 P18
11	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Electrical Conductivity	ISO 6297
12	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Existent Gum	ASTM D 381
13	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Existent Gum	IS 1448 P29
14	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Freezing Point	ASTM D 2386
15	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Freezing Point	IS 1448 P 11
16	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Kinematic Viscosity at -20 °C	ASTM D 445
17	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Kinematic Viscosity at -20 °C	IS 1448 P 25
18	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Naphthalenes	ASTM D 1840

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Certificate Number TC-8849 **Page No** 2 of 4
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19	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Naphthalenes	IS 1448 P 118
20	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Particulate contaminants	ASTM D 2276
21	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Particulate Contaminants	IP 216
22	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Silver strip Corrosion Test for 4hrs at 50deg.C	IS 1571 ANNEX B
23	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Specific Energy	ASTM D 3338/ D3338M
24	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Sulphur mercaptan	IS 1448 P 109
25	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Water Reaction: Interface rating	IS 1448 P 42
26	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/MS	Aromatics	ASTM D 1319
27	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/MS	Aromatics	IP 1448 P 23
28	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Density at 15 °C	ASTM D 1298-12b
29	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Density at 15 °C	IS 1448 P 16
30	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Saybolt	ASTM D 156
31	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Saybolt	IS 1448 P 14
32	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Smoke point	ASTM D 1322
33	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Smoke point	IS 1448 P 31
34	CHEMICAL- PETROLEUM AND PRODUCTS	ATF/SKO	Sulphur	ASTM D 5453
35	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Cetane Index	ASTM D 4737
36	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Density at 15 °C	ASTM D 1298-12b
37	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Density at 15 °C	IS 1448 P 16

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Certificate Number TC-8849 **Page No** 3 of 4
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38	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Distillation 95% recovery at	ASTM D 86
39	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Distillation 95% recovery at	IS 1448 P 18
40	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Distillation recovery at 360 °C	ASTM D 86
41	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Distillation recovery at 360 °C	IS 1448 P 18
42	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Kinematic Viscosity at 40 °C	ASTM D 445
43	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Kinematic Viscosity at 40 °C	IS 1448 P 25
44	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Pour Point	ASTM D 97
45	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Pour Point	IS 1448: P10: Section 2
46	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	Sulphur	ASTM D 5453
47	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/SKO/ATF	Abel Flash Point °C	IP 170
48	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/SKO/ATF	Abel Flash Point °C	IS 1448 P 20
49	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Density at 15 °C	ASTM D 1298-12b
50	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Density at 15 °C.	IS 1448 P 16
51	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 100 °C	ASTM D 86
52	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 100 °C	IS 1448 P18
53	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 150 °C	ASTM D 86
54	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 150°C	IS 1448 P 18
55	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 70 °C	ASTM D 86
56	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Distillation % recovery at 70 °C	IS 1448 P 18

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57	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Existent Gum (solvent washed)	IS 1448 P 29
58	CHEMICAL- PETROLEUM AND PRODUCTS	MS	Existent Gum(solvent washed)	ASTM D 381
59	CHEMICAL- PETROLEUM AND PRODUCTS	MS/ HSD	Sulphur	ISO 20846
60	CHEMICAL- PETROLEUM AND PRODUCTS	MS/HSD	Sulphur	ASTM D 5453
61	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Appearance	VT/QCL/WI/01A
62	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Colour	VT/QCL/WI/01B
63	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Copper strip corrosion test	ASTM D 130
64	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Copper Strip Corrosion test	IS 1448 P 15
65	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation residue	ASTM D 86
66	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation residue	IS 1448 P 18
67	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation, FBP °C	ASTM D 86
68	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation, FBP °C	IS 1448 P 18
69	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation, IBP °C	ASTM D 86
70	CHEMICAL- PETROLEUM AND PRODUCTS	MS/SKO/ATF/HSD	Distillation, IBP °C	IS 1448 P 18
71	CHEMICAL- PETROLEUM AND PRODUCTS	SKO/ ATF	Distillation Recovery at 200 deg.C	ASTM D 86
72	CHEMICAL- PETROLEUM AND PRODUCTS	SKO/ ATF	Distillation Recovery at 200 deg.C	IS 1448 P 18