National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN OIL CORPORATION LTD - AHMEDABAD LABORATORY, AHMEDABAD TERMINAL, BAREJA, DASKROI, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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, Jet A-1, JP- 5	Silver Strip Corrision	Annex-B of IS 1571
2	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5	Doctor test	ASTM D-4952
3	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5	Doctor test	IP-30
4	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5	Doctor test	IS: 1448 P-19
5	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, MS and its variants, HSD and its variants	Aromatics and Olefins	ASTM D-1319
6	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, MS and its variants, HSD and its variants	Aromatics and Olefins	IP-156
7	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, MS and its variants, HSD and its variants	Aromatics and Olefins	IS: 1448 P-23
8	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, SKO	Smoke Point	ASTM D-1322
9	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, SKO	Smoke Point	IP-57
10	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, SKO	Smoke Point	IS: 1448 P-31
11	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JET A-1, JP-5, SKO	Smoke Point	ISO-3014
12	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, Jet A1, JP5, AV gas 100 LL	Water Reaction	IP-289
13	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, Jet A1, JP5, AV gas 100 LL	Water Reaction	IS: 1448 P-42
14	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, Jet A1, JP5, AV gas 100 LL	Water Reaction	ASTM D-1094
15	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Electrical Conductivity	IS: 1448 P-148
16	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Electrical Conductivity	ASTM D-2624
17	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Electrical Conductivity	IP-274
18	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Electrical Conductivity	ISO- 6297

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19	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Freezing Point	ASTM D-2386
20	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Freezing Point	IP-16
21	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Freezing Point	IS: 1448 P-11
22	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Mercaptan Sulphur	ASTM D-3227
23	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Mercaptan Sulphur	IP-342
24	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Mercaptan Sulphur	IS: 1448 P-109
25	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5	Specific energy	ASTM D-3338
26	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5, AV Gas 100 LL	Existent Gum	ASTM D-381
27	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5, AV Gas 100 LL	Existent Gum	IP-131
28	CHEMICAL- PETROLEUM AND PRODUCTS	ATF, JETA-1, JP-5, AV Gas 100 LL	Existent Gum	IS: 1448 P-29
29	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel, HSD/ HFHSD & its variants	Water Content Moisture Karl Fischer	IS: 1448 P-175
30	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel, HSD/ HFHSD & its variants	Water Content Moisture Karl Fischer	ISO-6296
31	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Acidity	IS 15464: Annex D
32	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Aldehyde content	IS 15464
33	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Alkalinity	IS 15464: Annex D
34	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol content % vol @ 15.6 °C	IS 2302
35	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS 15464:Annex J
36	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Specific gravity @ 15.6 °C	IS: 321
37	CHEMICAL- PETROLEUM AND PRODUCTS	FO Marine fuel	CCAI	ISO 8217 Annex F

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Acid Value	ASTM D-664
39	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Acid Value	IP-177
40	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Acid Value	IS: 1448 P-1
41	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its Variants	Colour ASTM	IP-196
42	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its Variants	Colour ASTM	IS: 1448 P-12
43	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its variants, SKO, ATF, JET A-1, JP-5, LDO, FO, FO Marine Fuel	Total Sulphur	ASTM D-4294
44	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its variants, SKO, ATF, JET A-1, JP-5,LDO, FO, FO Marine Fuel	Total Sulphur	IP- 336
45	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its variants, SKO, ATF, JET A-1, JP-5,LDO, FO, FO Marine Fuel	Total Sulphur	ISO-20847
46	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its variants, SKO, ATF, JET A-1, JP-5,LDO, FO, FO Marine Fuel	Total Sulphur	ISO-8754
47	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD & its variants, SKO, ATF, JET A-1, JP-5,LDO, FO, FO, Marine Fuel	Total Sulphur	IS 1448 P-153
48	CHEMICAL- PETROLEUM AND PRODUCTS	HSD and its variants, SKO, ATF	Flash Point (Abel)	IP-170
49	CHEMICAL- PETROLEUM AND PRODUCTS	HSD and its variants, SKO, ATF	Flash Point (Abel)	IS: 1448 P-20
50	CHEMICAL- PETROLEUM AND PRODUCTS	HSD and its variants, SKO, ATF	Flash Point (Abel)	ISO- 13736
51	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its Variants	Colour ASTM	ASTM D-1500
52	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Bio Diesel	CFPP	IP-309
53	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Bio Diesel,	CFPP	ASTM D-6371
54	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Bio Diesel,	CFPP	IS: 1448 P-110
55	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Biodiesel	Acid Value	ASTM D-974
56	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Biodiesel	Acid Value	IP-1

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57	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, Biodiesel	Acid Value	IS: 1448 P-2
58	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO	Carbon Residue Ramsbottom	ASTM D-524
59	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO	Carbon Residue Ramsbottom	IP-14
60	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO	Carbon Residue Ramsbottom	IS: 1448 P-8
61	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO Marine Fuel	Water Content	ASTM D-95
62	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO Marine Fuel	Water Content	IP-74
63	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO Marine Fuel,	Water Content	IS: 1448 P-40
64	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO Marine Fuel,	Water Content	ISO 3733
65	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO-Marine Fuels	Ash Content	ASTM D-482
66	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO-Marine Fuels	Ash Content	IP-4
67	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO-Marine Fuels	Ash Content	IS: 1448 P-4
68	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, LDO, FO, FO-Marine Fuels	Ash Content	ISO 6245
69	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, SKO, FO	Acidity Inorganic	IP-182
70	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD & its variants, SKO, FO	Acidity Inorganic	IS: 1448 P-2
71	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, Bio Diesel, ATF, JET A-1, JP-5, LDO, FO, FO Marine fuel	Kinematic Viscosity @ -20/40/50/100 °C	IS: 1448 P-25
72	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, Bio Diesel, ATF, JET A-1, JP-5, LDO, FO, FO Marine fuel	Kinematic Viscosity @ -20/40/50/100 °C	IP-71
73	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, Bio Diesel, ATF, JET A-1, JP-5, LDO, FO, FO Marine fuel	Kinematic Viscosity @ -20/40/50/100 °C	ISO- 3104
74	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, Bio Diesel, ATF, JET A-1, JP-5, LDO, FO, FO Marine fuel	Kinematic Viscosity @ -20/40/50/100 °C	ASTM D-445
75	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, Bio Diesel, ATF, JET A-1, JP-5, LDO, FO, FO Marine fuel	Kinematic Viscosity(auto) @ -20/40/50/100 °C	ASTM D-7042

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76	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, JP-5, Biodiesel, FO, LDO, NMA, FO Marine Fuel	Flash Point (PMCC)	ASTM D-93
77	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, JP-5, Biodiesel, FO, LDO, NMA, FO Marine Fuel	Flash Point (PMCC)	IP-34
78	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, JP-5, Biodiesel, FO, LDO, NMA, FO Marine Fuel	Flash Point (PMCC)	IS: 1448 P-21
79	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, JP-5, Biodiesel, FO, LDO, NMA, FO Marine Fuel	Flash Point (PMCC)	ISO-2719
80	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine fuel	Pour point	ASTM D-97
81	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine fuel	Pour point	IP-15
82	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine fuel	Pour point	IS: 1448 P-10
83	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine fuel	Pour point	ISO-3016
84	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine Fuel	Sediments by Extraction	ASTM D-473
85	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine Fuel	Sediments by Extraction	IP-53
86	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/ HFHSD and its variants, LDO, FO, FO Marine Fuel	Sediments by Extraction	IS: 1448 P-30
87	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/HFHSD & Its variants	Cetane Index (Calculated)	ASTM D-4737
88	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/HFHSD & Its variants	Cetane Index (Calculated)	IP-380
89	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/HFHSD & Its variants	Cetane Index (Calculated)	ISO 4264
90	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A-1, JP-5	Naphthalene	ASTM D-1840
91	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A-1, JP-5	Naphthalene	IS: 1448 P-118
92	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1, JP-5, ATF K-60	Acidity Total	ASTM D-3242
93	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1, JP-5, ATF K-60	Acidity Total	IP-354
94	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1, JP-5, ATF K-60	Acidity Total	IS: 1448 P-113

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95	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1,AV GAS 100LL	Aniline Point	ASTM D-611
96	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1,AV GAS 100LL	Aniline Point	IP-2
97	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1,AV GAS 100LL	Aniline Point	IS: 1448 P-3
98	CHEMICAL- PETROLEUM AND PRODUCTS	MS & its variants	Existent Gum (Solvent washed)	IP-131
99	CHEMICAL- PETROLEUM AND PRODUCTS	MS & its variants	Existent Gum (Solvent washed)	IS: 1448 P-29
100	CHEMICAL- PETROLEUM AND PRODUCTS	MS & its variants	Existent Gum(Solvent washed)	ASTM D-381
101	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants	Benzene	ASTM D6277
102	CHEMICAL- PETROLEUM AND PRODUCTS	MS and Its Variants	Ethanol content	IS 2796
103	CHEMICAL- PETROLEUM AND PRODUCTS	MS and Its Variants	Research Octane No (RON)	ASTM D-2699
104	CHEMICAL- PETROLEUM AND PRODUCTS	MS and Its Variants	Research Octane No (RON)	IS: 1448 P-27
105	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, AV GAS 100LL	Reid Vapour Pressure	ASTM D-323
106	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, AV GAS 100LL	Reid Vapour Pressure	IP-69
107	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Bio Diesel, SKO, Jet A-1, JP-5, NAPHTHA, AV Gas 100 LL	Total Sulphur	ASTM D-5453
108	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, Naphtha, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NMA, Ethanol	Appearance	Visual (LAM/WI-06)
109	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, Naphtha, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NMA, Ethanol	Visual Colour	Visual (LAM/WI-52)
110	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO	Copper Strip Corrosion@50/100 °C	IP-154
111	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO	Copper Strip Corrosion@50/100 °C	IS: 1448 P-15
112	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO	Copper Strip Corrosion@50/100°C	ASTM D-130

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113	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO, Ethanol, NMA, NAPHTHA	Density Auto	ASTM D-4052
114	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO, FO, FO Marine Fuel, Ethanol, NMA, NAPHTHA	Density	IP-160
115	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO, FO, FO Marine Fuel, Ethanol, NMA, NAPHTHA	Density	IS: 1448 P-16
116	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO, FO, FO Marine Fuel, Ethanol, NMA, NAPHTHA	Density	ISO 3675
117	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, Biodiesel, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, LDO, FO, FO Marine Fuel, Ethanol, NMA, NAPHTHA	Density	ASTM D-1298
118	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distilation(IBP, Recovery, FBP, Residue)	IP-123
119	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distilation(IBP, Recovery, FBP, Residue)	IS: 1448 P-18
120	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (%v /v Recovery at T °C)	IS: 1448 P-18
121	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (%v Recovery at T °C)	ASTM D-86
122	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (%v Recovery at T °C)	IP-123
123	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (°C @volume % Recovery)	ASTM D-86
124	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (°C @volume % Recovery)	IP-123
125	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (°C @volume % Recovery)	IS: 1448 P-18
126	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (FBP°C)	ASTM D-86
127	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (FBP°C)	IP-123
128	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (FBP°C)	IS: 1448 P-18
129	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (IBP°C)	ASTM D-86

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130	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (IBP°C)	IP-123
131	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (IBP°C)	IS: 1448 P-18
132	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (Residue %volume)	ASTM D-86
133	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (Residue %volume)	IP-123
134	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation (Residue %volume)	IS: 1448 P-18
135	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants, HSD/ HFHSD and its variants, SKO, ATF, JET A-1, JP-5, AV GAS 100LL, NAPHTHA	Distillation(IBP, Recovery, FBP, Residue)	ASTM D-86
136	CHEMICAL- PETROLEUM AND PRODUCTS	MS and its variants,AV GAS 100LL	Reid Vapour Pressure	IS: 1448 P-39
137	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha, Ethanol	Non Volatile Residue	IS: 1448 P-64
138	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA, HSD/ HFHSD and its variants, LDO, FO	Gross Calorific Value	IS: 1448 P-7
139	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA, HSD/ HFHSD and its variants, LDO, FO	Gross Calorific Value	ASTM D-4868
140	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, ATF, JET A-1, JP-5, NAPHTHA	Colour Saybolt	ASTM D-156
141	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, ATF, JET A-1, JP-5, NAPHTHA	Colour Saybolt	IS: 1448 P-14
142	CHEMICAL- PETROLEUM AND PRODUCTS	XP Additive & NMA	Flash Point (COC)	ASTM D-92
143	CHEMICAL- PETROLEUM AND PRODUCTS	XP Additive & NMA	Flash Point (COC)	IP-36
144	CHEMICAL- PETROLEUM AND PRODUCTS	XP Additive & NMA	Flash Point (COC)	IS: 1448 P-69