National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : COCHIN LABORATORY, INDIAN OIL CORPORATION LIMITED (MD), SEAPORT AIRPORT ROAD IRUMPANAM COCHIN, KOCHI, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 20/04/2022 to 19/04/2024 **Last Amended on** 19/05/2022

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 High flash point (JP-5)	Doctor Test	ASTM D 4952
2	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Water content by Dean & Stark	IS 1448 P 40
3	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel oil	Water content by Dean & Stark method	ISO 3733
4	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel oil	Water content by Dean Stark method	ASTM D 95
5	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash point (JP-5)	Flash Point PMCC (Auto)	ASTM D 93
6	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High flash point (JP-5)	Acidity Total	ASTM D3242
7	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Acidity Total	IS-1448-P-113
8	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Aromatics	ASTM D 1319
9	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Aromatics	IS 1448 P 23
10	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Colour Saybolt	ASTM D 156
11	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Colour Saybolt	IS 1448 P 14
12	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Copper corrosion test	ASTM D 130
13	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Copper corrosion test	IS-1448 P15
14	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Density by Hydrometer	ASTM D 1298
15	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Density by Hydrometer	IS 1448 P16
16	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Density, Auto	ASTM D 4052
17	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Distillation, Auto	ASTM D 86
18	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Distillation, Manual	ASTM D 86

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19	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Distillation, Manual	IS 1448 P 18
20	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Doctor Test	IS 1448 : P 19
21	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Existent Gum	ASTM D 381
22	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Existent Gum	IS 1448 P 29
23	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash point (JP-5)	Flash Point PMCC	ASTM D 93
24	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Flash Point PMCC	IS 1448 P 21
25	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Flash Point PMCC	ISO 2719
26	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Flash Point PMCC (Auto)	ISO 2719
27	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Freezing point	ASTM D 2386
28	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Freezing point	IS 1448 : P 11
29	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Kinematic Viscosity @-20°C, Auto	ASTM D 7042
30	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Kinematic Viscosity at -20 °C	ASTM D 445
31	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Microbiological Test (MBT)	IP 385
32	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Naphthalene Content	ASTM D 1840
33	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High flash point (JP-5)	Naphthalene content	IS 1448 P 118
34	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Olefins	ASTM D 1319
35	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Olefins	IS-1448 P 23
36	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Silver strip corrosion test	Annex B IS 1571
37	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Silver strip corrosion test	IP 227

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38	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Smoke Point	ASTM D 1322
39	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Smoke Point	IS 1448 P 31
40	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Smoke Point, Auto	ASTM D 1322
41	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Smoke Point, Auto	IP 598
42	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Specific Energy - calculation	ASTM D 3338
43	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Sulphur Mercaptan	ASTM D 3227
44	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Sulphur Mercaptan	IS 1448 P109
45	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Total Sulphur	ASTM D 4294
46	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Total Sulphur	ASTM D 5453
47	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Water Reaction	ASTM D1094
48	CHEMICAL- PETROLEUM AND PRODUCTS	ATF High Flash Point (JP-5)	Water Reaction	IS 1448 P 42
49	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Aromatics	ASTM D 1319
50	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ash content	ASTM D 482
51	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ash content	IS 1448 : P 4
52	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ash content	ISO 6245
53	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	ASTM Colour	ASTM D 1500
54	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	ASTM Colour	IS 1448 P 12
55	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Carbon Residue (Ramsbottom) on10% Distillation Residue	ASTM D 524
56	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cetane Index	ASTM D 4737

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion Test	ASTM D 130
58	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion Test	IS 1448 P 15
59	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	ASTM D 1298
60	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	IS 1448 P 16
61	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density, Auto	ASTM D 4052
62	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation, Auto	ASTM D 86
63	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation, Manual	ASTM D 86
64	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation, Manual	IS 1448 P18
65	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS 1448 P 20
66	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel) Auto equipment	IP 170
67	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point PMCC	ASTM D 93
68	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point PMCC	ISO 2719
69	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash point test - PMCC	IS 1448 P 21
70	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	ASTM D 445
71	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	IS 1448 P25
72	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C, Auto	ASTM D 7042
73	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Olefins	ASTM D 1319
74	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	ASTM D 97
75	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	ISO 3016

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76	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Saturates	ASTM D 1319
77	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Sulphated Ash	ASTM D 874
78	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D 4294
79	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D 5453
80	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ISO 13032
81	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Water content by Dean & Stark method	ISO 3733
82	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Water content by Dean Stark method	ASTM D 95
83	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Acidity Inorganic	IP 182
84	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Acidity Inorganic	IS 1448 P 2
85	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash content	ASTM D 482
86	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash content	IS 1448 : P 4
87	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash content	ISO 6245
88	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Asphaltene Content	IP 143
89	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Calorific Value	ASTM D 4868
90	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Calorific Value	IS 1448 P 7
91	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Carbon Residue (Ramsbottom)	IS 1448 P 8
92	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	CCAI (Calculated Carbon Aromaticity Index)	ISO 8217-Annexure F
93	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Hydrometer	ASTM D 1298
94	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Hydrometer	IS 1448 P16

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95	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Hydrometer	ISO 3675
96	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point PMCC	ASTM D 93
97	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point PMCC	IS 1448 P 21
98	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point PMCC	ISO 2719
99	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point PMCC (Auto)	ASTM D 93
100	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point PMCC (Auto)	ISO 2719
101	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity @100°C	ASTM D 445
102	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity @100°C	IS 1448 P 25
103	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity @100°C	ISO 3104
104	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity at 50 °C	IS 1448 P 25
105	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity at 50° C	ASTM D 445
106	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity at 50°C	ISO 3104
107	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Pour Point	ASTM D 97
108	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Pour Point	IS 1448 P 10
109	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Pour Point	ISO 3016
110	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sediments By Extraction	IS 1448 P 30
111	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sediments by Extrction	ASTM D 473
112	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Spot Test	ASTM D 4740
113	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sulphated Ash	ASTM D 874

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114	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Total Sediment Potential	ISO 10307
115	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Total Sulphur	ASTM D 4294
116	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Trace metals- Na, Al, Si, V, Ca, Zn, P	IP 501
117	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	ASTM Colour	ASTM D 1500
118	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	ASTM Colour	IS 1448 P 12
119	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Cetane Index	ASTM D 4737
120	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Copper Strip Corrosion Test	ASTM D 130
121	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Copper Strip Corrosion Test	IS 1448 P 15
122	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density by Hydrometer	ASTM D 1298
123	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density by Hydrometer	IS 1448 P 16
124	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density, Auto	ASTM D 4052
125	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Distillation, Auto	ASTM D 86
126	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Distillation, Manual	ASTM D 86
127	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Distillation, Manual	IS 1448 P 18
128	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash Point PMCC	ASTM D 93
129	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash Point PMCC	IS 1448 P 21
130	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash Point PMCC	ISO 2719
131	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash Point PMCC (Auto)	ASTM D 93
132	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash Point PMCC (Auto)	ISO 2719

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133	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @ 40°C	IS 1448 P25
134	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @40°C	ASTM D 445
135	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @40°C, Auto	ASTM D 7042
136	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Particulate Contamination by Laboratory Filtration	ASTM D 6217
137	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Pour Point	ASTM D 97
138	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Pour point	IS 1448 P 10
139	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Total Sulphur	ASTM D 5453
140	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Total Sulphur by EDXRF	ASTM D 4294
141	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Trace metals- Na, V, Pb, Ca, K	ASTM D 7111
142	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A-1 (ATF)	Appearance	BIS Spec IS 1751
143	CHEMICAL- PETROLEUM AND PRODUCTS	JET A1	Electrical Conductivity	ASTM D 2624
144	CHEMICAL- PETROLEUM AND PRODUCTS	JET A1	Electrical Conductivity	IS 1448 P148
145	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Acidity Total	ASTM D 3242
146	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Acidity Total	IS-1448-P-113
147	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Aromatics	ASTM D 1319
148	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Aromatics	IS 1448 P 23
149	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Colour-Saybolt	ASTM D 156
150	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Colour-Saybolt	IS 1448 P 14
151	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Copper Strip Corrosion Test	ASTM D 130

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152	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Copper Strip Corrosion Test	IS 1448 P 15
153	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Density by Hydrometer	ASTM D 1298
154	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Density by Hydrometer	IS 1448 P 16
155	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Density, Auto	ASTM D 4052
156	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Distillation, Auto	ASTM D 86
157	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Distillation, Manual	ASTM D 86
158	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Distillation, Manual	IS 1448 P 18
159	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Doctor Test	ASTM D 4952
160	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Existent Gum	ASTM D 381
161	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Existent Gum	IS 1448 P 29
162	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Flash point test (Abel)	IS 1448 P 20
163	CHEMICAL- PETROLEUM AND PRODUCTS	JET A1 (ATF)	Flash Point Test (Abel) - Auto	IP 170
164	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Freezing point	ASTM D 2386
165	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Freezing Point	IS 1448 P 11
166	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Kinematic Viscosity @-20°C, Auto	ASTM D 7042
167	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Kinematic Viscosity at -20 °C	ASTM D 445
168	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Kinematic Viscosity at -20 °C	IS 1448 P25
169	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Microbiological Test (MBT)	IP 385
170	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Naphthalene Content	ASTM D 1840

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171	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Naphthalene content	IS 1448 P118
172	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Olefins	ASTM D 1319
173	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Olefins	IS 1448 P 23
174	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Particulate Contamination (Millipore Test)	IP 216
175	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Silver strip corrosion test	Annex B IS 1571
176	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Silver strip corrosion test	IP 227
177	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Smoke Point	ASTM D 1322
178	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Smoke Point	IS 1448 P 31
179	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Smoke Point, Auto	ASTM D 1322
180	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Smoke Point, Auto	IP 598
181	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Specific Energy - calculation	ASTM D 3338
182	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Sulphur Mercaptan	ASTM D 3227
183	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Sulphur Mercaptan	IS 1448 P 109
184	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Total Sulphur	ASTM D 4294
185	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Total Sulphur	ASTM D 5453
186	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Water Detecting Capsule (WDC)	DGCA Approved method 5-465/2011-A1(2)Dt 30.09.2016
187	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Water Reaction	ASTM D1094
188	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF)	Water Reaction	IS 1448 P 42

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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
189	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1 (ATF).	Doctor Test	IS 1448 : P 19
190	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Acidity Inorganic	IS 1448 P 2
191	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Ash Content	IS 1448 P 4
192	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Calorific Value	ASTM D 4868
193	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Density by Hydrometer	IS 1448 P 16
194	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Flash Point	IS 1448 P 21
195	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Kinematic Viscosity @100°C	IS 1448 P 25
196	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Pour Point	IS 1448 P 10
197	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Sediment by Extraction	IS 1448 P 30
198	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Total Sulphur	ASTM D 4294
199	CHEMICAL- PETROLEUM AND PRODUCTS	LSHS (Premium)	Water Content by Dean & Stark method	IS 1448 P 40
200	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	ASTM Colour	ASTM D 1500
201	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	ASTM Colour	IS 1448 P 12
202	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Flash Point PMCC	ASTM D 93
203	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Flash Point PMCC	ISO 2719
204	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Flash point test - PMCC	IS 1448 P 21
205	CHEMICAL- PETROLEUM AND PRODUCTS	Lube oil	Kinematic Viscosity @100°C	ASTM D 445
206	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Kinematic Viscosity @100°C	IS 1448 P 25
207	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Kinematic Viscosity @100°C, Auto	ASTM D 7042

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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
208	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Kinematic Viscosity at 40 °C	ASTM D 445
209	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Kinematic Viscosity at 40°C	IS 1448 P 25
210	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Sulphated Ash	ASTM D 874
211	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil	Sulphated Ash	IS 1448 P4
212	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	ASTM D 1319
213	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	IS 1448 P 23
214	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	ASTM D 130
215	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	IS 1448 P 15
216	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Hydrometer	ASTM D 1298
217	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Hydrometer	IS 1448 P 16
218	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density, Auto	ASTM D 4052
219	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Auto	ASTM D 86
220	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Auto	ASTM D 86
221	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Manual	ASTM D 86
222	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Manual	ASTM D 86
223	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Manual	IS 1448 P 18
224	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Manual	IS 1448 P18
225	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Existent Gum	ASTM D 381
226	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Existent Gum	IS 1448 P 29

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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
227	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Olefins	ASTM D 1319
228	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Olefins	IS 1448 P 23
229	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Reid Vapour Pressure	ASTM D 323
230	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Reid Vapour Pressure	IS 1448 P 39
231	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ASTM D 4294
232	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ASTM D 5453
233	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur by EDXRF	ISO 13032
234	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Aromatics	ASTM D 1319
235	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Aromatics	IS 1448 P 23
236	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Calorific Value	ASTM D 4868
237	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Calorific Value	IS 1448 P 7
238	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Copper Strip Corrosion Test	ASTM D 130
239	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Copper Strip Corrosion Test	IS 1448 P 15
240	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density by Hydrometer	ASTM D 1298
241	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density by Hydrometer	IS 1448 P 16
242	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density, Auto	ASTM D 4052
243	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Auto	ASTM D 86
244	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Auto	ASTM D 86
245	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Manual	ASTM D 86

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246	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Manual	ASTM D 86
247	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Manual	IS 1448 P 18
248	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation, Manual	IS 1448 P 18
249	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Existent Gum	ASTM D 381
250	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Existent Gum	IS 1448 P 29
251	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Non Volatile Matters	ASTM D 1353
252	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Non Volatile Matters	IS 1448 P 64
253	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	ASTM D 1319
254	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	IS 1448 P 23
255	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid Vapour Pressure	ASTM D 323
256	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid Vapour Pressure	IS 1448 P 39
257	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Sulphur by EDXRF	ISO 20847
258	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Colour- Saybolt	IS 1448 P 14
259	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Colour-Saybolt	ASTM D 156
260	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Copper Strip Corrosion Test	ASTM D 130
261	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Copper Strip Corrosion Test	IS 1448 P 15
262	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density by Hydrometer	ASTM D 1298
263	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density by Hydrometer	IS 1448 P 16
264	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density, Auto	ASTM D 4052

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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
265	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation Manual	IS 1448 P 18
266	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation, Auto	ASTM D 86
267	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation, Auto	ASTM D 86
268	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation, Manual	ASTM D 86
269	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation, Manual	ASTM D 86
270	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation, Manual	IS 1448 P 18
271	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Flash Point (Abel)	IS 1448 P 20
272	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Flash Point (Abel) Auto equipment	IP 170
273	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	ASTM D 1322
274	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	IS 1448 P 31
275	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point, Auto	ASTM D 1322
276	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point, Auto	IP 598
277	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Total Sulphur	ASTM D 4294
278	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Total Sulphur	ASTM D 5453