National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN OIL CORPORATION LTD.M.D., HYDERBAD LABORATORY, SURVEY NO.183, IDA,PHASE-III, CHERLAPALLY, HYDERABAD, TELANGANA, 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	Motor Spirit	Density by Hydrometer	IS 1448 P-16
2	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Distillation	IP 123
3	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Smoke Point	ASTM D1322
4	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS (Aviation Gasoline)	Density by Hydrometer	ASTM D1298
5	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS (Aviation Gasoline)	Density by Hydrometer	IS 1448:P 16
6	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS(Aviation Gasoline)	Density by Hydrometer	IP 160
7	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS(Aviation Gasoline)	Density by Hydrometer	ISO 3675
8	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS(Aviation Gasoline)	Existent Gum	ASTM D381
9	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS(Aviation Gasoline)	Existent Gum	IP 131
10	CHEMICAL- PETROLEUM AND PRODUCTS	AV GAS(Aviation Gasoline)	Existent Gum	IS 1448 P 29
11	CHEMICAL- PETROLEUM AND PRODUCTS	AV Gas(Aviation Gasoline)	Existent Gum	ISO 6246
12	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline	Aniline Point	ISO 2977
13	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Aniline Point	ASTM D611
14	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Aniline Point	IP 2
15	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Aniline Point	IS 1448 P-3
16	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
17	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
18	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Copper Corrosion	ASTM D130

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19	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Copper Corrosion	IP 154
20	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Copper Corrosion	IS 1448 P-15
21	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Copper Corrosion	ISO 2160
22	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Freezing Point	ASTM D2386
23	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Freezing Point	IP 16
24	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Freezing Point	IS 1448 P-11
25	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Freezing Point	ISO 3013
26	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Specific Energy	ASTM D3338
27	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Vapour Pressure – Reid	IP 69
28	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Vapour Pressure – Reid	IS 1448 P-39
29	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Water Reaction	ASTM D1094
30	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Water Reaction	IP 289
31	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Water Reaction	IS 1448 P-42
32	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS(Aviation Gasoline)	Vapour Pressure – Reid	ISO 3007
33	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
34	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
35	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	ASTM D130
36	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	IP 154
37	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	IS 1448 P-15

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38	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	ISO 2160
39	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASH CONTENT	ASTM D482
40	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASH CONTENT	IP-4
41	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASH CONTENT	IS 1448 P-4/Sec 1
42	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASH CONTENT	ISO 6245
43	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	CETANE INDEX [CALCULATED]	ASTM D4737
44	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	CETANE INDEX [CALCULATED]	IP 380
45	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	CETANE INDEX [CALCULATED]	ISO 4264
46	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour (ASTM)	ASTM D1500
47	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour (ASTM)	IP 196
48	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour (ASTM)	IS 1448 P-12
49	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour(ASTM)	ISO 2049
50	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density by Hydrometer	ASTM D1298
51	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density by Hydrometer	IP 160
52	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density by Hydrometer	IS 1448 P-16
53	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density by Hydrometer	ISO 3675
54	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point (P&M)	ASTM D93
55	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point (P&M)	IP 34
56	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point (P&M)	IS 1448 P-21

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57	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point (P&M)	ISO 2719
58	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity@ 40°C	ASTM D445
59	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity@ 40°C	IP 71
60	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity@ 40°C	IS 1448 P-25(Sec1)
61	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity@ 40°C	ISO 3104
62	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity@ 40°C	ASTM D7042
63	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	ASTM D97
64	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	IP 15
65	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	IS 1448 (P-10/Sec 2)
66	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	ISO 3016
67	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	ASTM D 4294-
68	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	ASTM D 5453
69	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	IS 1448 P-153
70	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	ISO 20847
71	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Copper Corrosion	ASTM D130
72	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Copper Corrosion	IP 154
73	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Copper Corrosion	IS 1448 P-15
74	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Copper Corrosion	ISO 2160
75	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Kinematic Viscosity@ (-)20 °C	ASTM D445

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76	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Kinematic Viscosity@ (-)20 °C	ASTM D7042
77	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Kinematic Viscosity@ (-)20 °C	ISO 3104
78	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Kinematic Viscosity@ (-)20 °C	IP 71
79	CHEMICAL- PETROLEUM AND PRODUCTS	Jet A1(Aviation Turbine Fuel)	Kinematic Viscosity@ (-)20 °C	IS 1448 P-25(Sec1)
80	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1 (Aviation Turbine Fuel)	Density by Hydrometer	IP 160
81	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
82	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
83	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Electrical Conductivity	ASTM D2624
84	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Electrical Conductivity	IP 274
85	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Electrical Conductivity	IS 1448 P-148
86	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Electrical Conductivity	ISO 6297
87	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Naphthalene Content	ASTM D1840
88	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Naphthalene Content	IS 1448 P-118
89	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Aniline Point	IP 2
90	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Aniline Point	IS 1448 P-3
91	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Aniline Point	ISO 2977
92	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Aromatics	IP 156
93	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Aromatics	IS 1448 P-23
94	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Doctor Test	ASTM D4952

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95	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Doctor Test	IP 30
96	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Doctor Test	IS 1448 P-19
97	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Freezing Point	ASTM D2386
98	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Freezing Point	IP 16
99	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Freezing Point	IS 1448 P-11
100	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Freezing Point	ISO 3013
101	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Silver Corrosion	Annex-B of IS 1571:ANB
102	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Silver Corrosion	IP227
103	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Smoke Point	ASTM D1322
104	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Smoke Point	IP 57
105	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Smoke Point	IS 1448 P-31
106	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Smoke Point	ISO 3014
107	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Specific Energy	ASTM D3338
108	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Sulphur Mercaptan	ASTM D3227
109	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Sulphur Mercaptan	IP 342
110	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Sulphur Mercaptan	IS 1448 P-109
111	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Sulphur Mercaptan	ISO 3012
112	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Total Sulphur	ASTM D 4294
113	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Total Sulphur	ASTM D 5453

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114	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Total Sulphur	IS 1448 P-153
115	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Total Sulphur	ISO 20847
116	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Water Reaction	ASTM D1094
117	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Water Reaction	IP 289
118	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Water Reaction	IS 1448 P-42
119	CHEMICAL- PETROLEUM AND PRODUCTS	JETA-1(Aviation Turbine Fuel)	Aniline Point	ASTM D611
120	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Aromatics	ASTM D1319
121	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Aromatics	ISO 3837
122	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Density by Hydrometer	ASTM D1298
123	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Density by Hydrometer	IS 1448: P-16
124	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Density by Hydrometer	ISO 3675
125	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Existent Gum	ASTM D381
126	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Existent Gum	IP 131
127	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Existent Gum	IS 1448 P 29
128	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Existent Gum	ISO 6246
129	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Olefins	ASTM D1319
130	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Olefins	IP 156
131	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Olefins	IS 1448 P-23
132	CHEMICAL- PETROLEUM AND PRODUCTS	JetA-1(Aviation Turbine Fuel)	Olefins	ISO 3837

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133	CHEMICAL- PETROLEUM AND PRODUCTS	JetA1(Aviation Turbine Fuel)	Acidity Total	IP 354
134	CHEMICAL- PETROLEUM AND PRODUCTS	JetA1(Aviation Turbine Fuel)	Acidity Total	IS 1448 P-113
135	CHEMICAL- PETROLEUM AND PRODUCTS	JetA1(Aviation Turbine Fuel)	Colour (Saybolt)	ASTM D156
136	CHEMICAL- PETROLEUM AND PRODUCTS	JetA1(Aviation Turbine Fuel)	Acidity Total	ASTM D3242
137	CHEMICAL- PETROLEUM AND PRODUCTS	JetA1(Aviation Turbine Fuel)	Colour (Saybolt)	IS 1448 P-14
138	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Flash Point (P&M)	IS 1448 P-21
139	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Acidity Total	ASTM D3242
140	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Acidity Total	IP 354
141	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Acidity Total	IS 1448 P-113
142	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aniline Point	ASTM D611
143	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aniline Point	IP 2
144	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aniline Point	IS 1448 P-3
145	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aniline Point	ISO 2977
146	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aromatics	ASTM D1319
147	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aromatics	IP 156
148	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aromatics	IS 1448 P-23
149	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Aromatics	ISO 3837
150	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Copper Corrosion	ASTM D130
151	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Copper Corrosion	IP 154

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152	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Copper Corrosion	IS 1448 P-15
153	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Copper Corrosion	ISO 2160
154	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Flash Point (P&M)	ASTM D93
155	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Flash Point (P&M)	IP 34
156	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Flash Point (P&M)	ISO 2719
157	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Freezing Point	ASTM D2386
158	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Freezing Point	IP 16
159	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Freezing Point	IS 1448 P-11
160	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Freezing Point	ISO 3013
161	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Kinematic Viscosity@ (-)20 °C	ASTM D445
162	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Kinematic Viscosity@ (-)20 °C	ASTM D7042
163	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Kinematic Viscosity@ (-)20 °C	IP 71
164	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Kinematic Viscosity@ (-)20 °C	IS 1448 P-25(Sec1)
165	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Kinematic Viscosity@ (-)20 °C	ISO 3104
166	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Naphthalene Content	ASTM D 1840
167	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Olefins	ASTM D1319
168	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Olefins	IP 156
169	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Olefins	IS 1448 P-23
170	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Olefins	ISO 3837

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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
171	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Silver Corrosion	Annex-B of IS 1571:ANB
172	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Silver Corrosion	IP227
173	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Smoke Point	IP 57
174	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Smoke Point	IS 1448 P-31
175	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Smoke Point	ISO 3014
176	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5 (High Flash Point Aviation Fuel)	Specific Energy	ASTM D3338
177	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5(High Flash Point Aviation Fuel)	Colour (Saybolt)	IS 1448 P 14
178	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5(High Flash Point Aviation Fuel)	Colour(Saybolt)	ASTM D156
179	CHEMICAL- PETROLEUM AND PRODUCTS	JP 5(High Flash Point Aviation Fuel)	Naphthalene Content	IS 1448 P 118
180	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5 (High Flash Point Aviation Fuel)	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
181	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5 (High Flash Point Aviation Fuel)	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
182	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5 (High Flash point Aviation Fuel)	Density by Hydrometer	IS 1448: P-16
183	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel	Density by Hydrometer	ASTM D1298
184	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Density by Hydrometer	IP 160
185	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Density by Hydrometer	ISO 3675
186	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Existent Gum	ASTM D381
187	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Existent Gum	IP 131
188	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Existent Gum	IS 1448 P 29
189	CHEMICAL- PETROLEUM AND PRODUCTS	JP-5(High Flash Point Aviation Fuel)	Existent Gum	ISO 6246

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN OIL CORPORATION LTD.M.D., HYDERBAD LABORATORY, SURVEY NO.183, IDA,PHASE-III, CHERLAPALLY, HYDERABAD, TELANGANA, INDIA

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190	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Doctor Test	ASTM D4952
191	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Doctor Test	IP 30
192	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Doctor Test	IS 1448 P-19
193	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Sulphur Mercaptan	ASTM D3227
194	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Sulphur Mercaptan	IP 342
195	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Sulphur Mercaptan	IS 1448 P-109
196	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Sulphur Mercaptan	ISO 3012
197	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Total Sulphur	ASTM D 4294
198	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Total Sulphur	ASTM D 5453
199	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Total Sulphur	IS 1448 P-153
200	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Total Sulphur	ISO 20847
201	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Water Reaction	ASTM D1094
202	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Water Reaction	IP 289
203	CHEMICAL- PETROLEUM AND PRODUCTS	JP5 (High Flash Point Aviation Fuel)	Water Reaction	IS 1448 P-42
204	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Ash Content (Sulphated)	ASTM D874
205	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Ash Content (Sulphated)	IP 163
206	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Ash Content (Sulphated)	IS 1448 P-4/Sec 1
207	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Ash Content (Sulphated)	ISO 3987
208	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Flash Point (P&M)	ASTM D93

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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
209	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Flash Point (P&M)	ISO 2719
210	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Kinematic Viscosity at @40°C	ASTM D445
211	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Kinematic Viscosity at @40°C	ASTM D7042
212	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Kinematic Viscosity at @40°C	IP 71
213	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Kinematic Viscosity at @40°C	IS 1448 P-25
214	CHEMICAL- PETROLEUM AND PRODUCTS	LUBES	Kinematic Viscosity at @40°C	ISO 3104
215	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Copper Corrosion	ISO 2160
216	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
217	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
218	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Copper Corrosion	ASTM D130
219	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Copper Corrosion	IP 154
220	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density by Hydrometer	ASTM D1298
221	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density by Hydrometer	IP 160
222	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density by Hydrometer	ISO 3675
223	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Existent Gum	ASTM D381
224	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Existent Gum	IP 131
225	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Existent Gum	IS 1448 P-29
226	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Existent Gum	ISO 6246
227	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Total Sulphur	ASTM D 4294

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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
228	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Total Sulphur	ASTM D 5453
229	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Total Sulphur	IS 1448 P-153
230	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Total Sulphur	ISO 20847
231	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Vapour Pressure – Reid	IP 69
232	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Vapour Pressure – Reid	IS 1448 P-39
233	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Vapour Pressure – Reid	ISO 3007
234	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit,	Copper Corrosion	IS 1448 P-15
235	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS 100 LL , JET A-1, JP 5(All Grades)	Copper Corrosion	IS 1448 P-15
236	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS 100 LL , JET A-1, JP 5(All Grades)	Copper Corrosion	ISO 2160
237	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS, JET A-1, JP 5	Density by Digital Density Meter	ASTM D4052
238	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS, JET A-1, JP 5	Distillation	ASTM D86
239	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS, JET A-1, JP 5	Distillation	IS 1448 P-18
240	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, HSD, AVGAS, JET A-1, JP 5	Distillation	ISO 3405
241	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density by Hydrometer	IS 1448 P 16
242	CHEMICAL- PETROLEUM AND PRODUCTS	SKO(Superior Kerosene)	Density by Hydrometer	ASTM D1298
243	CHEMICAL- PETROLEUM AND PRODUCTS	SKO(Superior Kerosene)	Density by Hydrometer	IP 160
244	CHEMICAL- PETROLEUM AND PRODUCTS	SKO(Superior Kerosene)	Density by Hydrometer	ISO 3675
245	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, HSD, JET A-1	Abel Flash Point Automatic Method	IP 170
246	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, HSD, JET A-1	Flash Point (Abel)	IS 1448 P-20

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247	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, HSD, JET A-1	Flash Point (Abel)	ISO 13736
248	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Appearance	IOCL, WI: 9 Issue no.: 02 Issue date: 01.04.2013
249	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Colour(Visual)	IOCL, WI: 10 Issue no.: 02 Issue date: 01.04.2013
250	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Copper Corrosion	ASTM D130
251	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Copper Corrosion	IP 154
252	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Copper Corrosion	IS 1448 P-15
253	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Copper Corrosion	ISO 2160
254	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Colour (Saybolt)	ASTM D156
255	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Colour (Saybolt)	IS 1448 P-14
256	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Smoke Point	ASTM D1322
257	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Smoke Point	IP 57
258	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Smoke Point	IS 1448 P-31
259	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosine	Smoke Point	ISO 3014
260	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Total Sulphur	ASTM D 4294
261	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Total Sulphur	ASTM D 5453
262	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Total Sulphur	IS 1448 P-153
263	CHEMICAL- PETROLEUM AND PRODUCTS	Superior Kerosene	Total Sulphur	ISO 20847