National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDIAN OIL CORPORATION LIMITED, KANDLA LABORATORY, KANDLA FORESHORE TERMINAL, KANDLA, KUTCH, 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	Appearance	IS 1571
2	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Aromatics	ASTM D1319
3	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Aromatics	IP 156
4	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Aromatics	IS 1448 P:23
5	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Colour(Saybolt)	ASTM D156
6	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Colour(Saybolt)	IS 1448 P:14
7	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Copper strip corrosion	ASTM D130
8	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Copper strip corrosion	IP 154
9	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Copper strip corrosion	IS 1448 P:15
10	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Density	ASTM D4052
11	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Density by Hydrometer	ASTM D1298
12	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Density by Hydrometer	IP 160
13	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Density by Hydrometer	IS 1448 P:16
14	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Distillation	ASTM D86
15	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Distillation	IP 123
16	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Distillation	IS 1448 P:18
17	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Doctor Test	IP 30
18	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Doctor Test	IS 1448 P:19

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19	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Doctor Test	ASTM D4952
20	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Electrical Conductivity	ASTM D2624
21	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Electrical Conductivity	IP 274
22	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Electrical Conductivity	ISO 6297
23	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Existent Gum	ASTM D381
24	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Existent Gum	IP 540
25	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Existent Gum	IS 1448 P:19
26	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Flash point (Abel)	IS 1448 P:20
27	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Flash point (Abel)	ISO 13736
28	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Flash point (Abel)IP 170	IP170
29	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Freezing Point	ASTM D2386
30	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Freezing Point	IS 1448 P:11
31	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Freezing Point	IP 16
32	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Kinematic Viscosity @ -20°C	ASTM D445
33	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Kinematic Viscosity @ -20°C	ASTM D7042
34	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Kinematic Viscosity @ -20°C	IP 71
35	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Kinematic Viscosity @ -20°C	IS 1448 P:25
36	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Naphthalenes	ASTM D1840
37	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Naphthalenes	IS 1448 P:118

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38	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Olefins	ASTM D1319
39	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Olefins	IP 156
40	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Olefins	IS 1448 P:23
41	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Silver Strip Corrosion	Annex-B of IS 1571
42	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Smoke point	ASTM D1322
43	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Smoke point	IP 598
44	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Smoke point	IS 1448 P:31
45	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Specific energy	ASTM D3338
46	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Sulphur mercaptan	ASTM D3227
47	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Sulphur mercaptan	IP 342
48	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Sulphur mercaptan	IS 1448 P:109
49	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total Acidity	ASTM D3242
50	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total Acidity	IP 354
51	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total Acidity	IS 1448 P:113
52	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total sulphur	ASTM D4294
53	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total sulphur	ASTM D5453
54	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total sulphur	IP 336
55	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Total sulphur	ISO 8754
56	CHEMICAL- PETROLEUM AND PRODUCTS	ATF Jet A-1	Water Reaction	IS 1448 P:42

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Acidity Inorganic	IS 1448 P:2
58	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Acidity Total	ASTM D664
59	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Acidity Total	IS 1448 P:2
60	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance	IS 1460
61	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ash Content	ASTM D482
62	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ash Content	IS 1448 P:4
63	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	ASTM Colour	ASTM D 1500
64	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cetane index	ASTM D 4737
65	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cetane index	IS 1448 P:9
66	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	CFPP	ASTM D 6371
67	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	CFPP	IS 1448 P:110
68	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper strip corrosion	ASTM D130
69	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper strip corrosion	IS 1448 P:15
70	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Auto	ASTM D4052
71	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	ASTM D 1298
72	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	IS 1448 P:16
73	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation	ASTM D 86
74	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation	IS 1448 P:18
75	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash point (Abel)	IP170

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76	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash point (Abel)	IS 1448 P:20
77	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash point (Abel)Auto	ISO 13736
78	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	ASTM D 7042
79	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	IS 1448 P:25
80	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	ASTM D 445
81	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Micro carbon residue	ASTM D 4530
82	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	ASTM D97
83	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS 1448 P:10
84	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ramsbottom Carbon Residue	ASTM D 524
85	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Ramsbottom Carbon Residue	IS 1448 P:8
86	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Water content by Karl Fischer	ISO 6296
87	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Acidity	IS 15464:Annex D
88	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Alkalinity	IS 15464:Annex D
89	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	IS 15464
90	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol content % vol @ 15.6°C	IS 2302
91	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS 15464:Annex J
92	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative density at 15/15°C	IS 15464:Annex A
93	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Residue on Evaporation	IS 15464:Annex C
94	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Acid Number	ASTM D664

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95	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Acid Number	IS 1448 P:2
96	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash content	ASTM D482
97	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash content	IS 1448 P:4:
98	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Calorific Value	IS 1448 P:7
99	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Hydrometer	ASTM D1298
100	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Hydrometer	IS 1448 P:16
101	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash point (PMCC)	ASTM D93
102	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash point (PMCC)	IS 1448 P:21
103	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity @ 50°C	ASTM D445
104	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity @ 50°C	IS 1448 P:25
105	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Micro carbon residue	ASTM D4530
106	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Pour Point	ASTM D97
107	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Pour Point	IS 1448 P:10
108	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sediment by Extraction	ASTM D473
109	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sediment by Extraction	IS 1448 P:30
110	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Total sulphur	ASTM D4294
111	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Water Content	ASTM D95
112	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Water Content	IS 1448 P:40
113	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Acid Number	ASTM D664

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114	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Ash content	ISO 6245
115	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	CCAI - Calculated Carbon Aromaticity Index	ISO 8217 Annex F
116	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Density by Hydrometer	ISO 3675
117	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Flash point (PMCC)	ISO 2719
118	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Kinematic Viscosity @ 50°C	ISO 3104
119	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Micro carbon residue	ISO 10370
120	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Pour Point	ISO 3016
121	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Total sediment – Aged	ISO 10307-2
122	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Total sulphur	ASTM D4294
123	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Total sulphur	ISO 8754
124	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Trace Metals(Al, Si, Na, V, Zn, P& Ca,)	IP 501
125	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil - Marine Fuel	Water Content	ISO 3733
126	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Acid Number	IS 1448 P:2
127	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Acid Number	ASTM D 664
128	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Ash content	ASTM D 482
129	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Ash content	IS 1448 P:4
130	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Ash content	ISO 6245
131	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	ASTM Colour	ASTM D 1500
132	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Cetane Index	ASTM D 4737

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133	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Cetane Index	ISO 4264
134	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	CFPP	ASTM D 6371
135	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	CFPP	IP 309
136	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	CFPP	IS 1448 P:110
137	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Copper strip corrosion	ASTM D130
138	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Copper strip corrosion	IS 1448 P:15
139	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density by Hydrometer	ASTM D 1298
140	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density by Hydrometer	IS 1448 P:16
141	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density by Hydrometer	ISO 3675
142	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Density(Auto)	ASTM D 4052
143	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Distillation	ASTM D 86
144	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Distillation	IS 1448 P:18
145	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash point (PMCC)	ASTM D 93
146	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash point (PMCC)	IS 1448 P:21
147	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Flash point (PMCC)	ISO 2719
148	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @ 40°C	ASTM D445
149	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @ 40°C	IS 1448 P:25
150	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @ 40°C	ISO 3104
151	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Kinematic Viscosity @ 40°C(Auto)	ASTM D 7042

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152	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Pour Point	ASTM D97
153	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Pour Point	IS 1448 P:10
154	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Pour Point	ISO 3016
155	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Total sulphur	ASTM D 5453
156	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Total sulphur	ASTM D4294
157	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Total sulphur	ISO 8754
158	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD	Water content by Karl Fischer	ISO 6296
159	CHEMICAL- PETROLEUM AND PRODUCTS	HFHSD(MIL)	Trace Metals(Na, V, Ca, K &Pb)	ASTM D7111
160	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Acidity Inorganic	IS 1448 P:2
161	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	IS 1459
162	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour(Saybolt)	IS 1448 P:14
163	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour(Saybolt)	ASTM D 156
164	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour(Visual)	IS 1459
165	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper strip corrosion	ASTM D130
166	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper strip corrosion	IS 1448 P:15
167	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	ASTM D 1298
168	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	IS 1448 P:16
169	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density(auto)	ASTM D 4052
170	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation	ASTM D 86

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171	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation	IS 1448 P:18
172	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash point (Abel)	IP 170
173	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash point (Abel)	IS 1448 P:20
174	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash point (Abel)	ISO 13736
175	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke point	ASTM D1322
176	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke point	IS 1448 P:31
177	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke point	ISO 3014
178	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total sulphur	ASTM D 5453
179	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total sulphur	ASTM D4294
180	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total sulphur	ISO 8754
181	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Calorific Value(Calculated)	IS 1448 P:7
182	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Carbon Residue Ramsbottom	IS 1448 P:8
183	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Copper strip corrosion	IS 1448 P:15
184	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Density by Hydrometer	ASTM D1298
185	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Density by Hydrometer	IS 1448 P:16
186	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Flash point (PMCC)	ASTM D93
187	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Flash point (PMCC)	IS 1448 P:21
188	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Flash point (PMCC)	ISO 2719
189	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Kinematic Viscosity @ 40°C	ASTM D445

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190	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Kinematic Viscosity @ 40°C	ASTM D7042
191	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Kinematic Viscosity @ 40°C	IS 1448 P:25
192	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Pour Point	ASTM D97
193	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Pour Point	IS 1448 P:10
194	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Ramsbottom Carbon Residue	ASTM D524
195	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Sediment by Extraction	ASTM D473
196	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Sediment by Extraction	IS 1448 P:30
197	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Total sulphur	ASTM D4294
198	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Water Content	ASTM D95
199	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil(LDO)	Water Content	IS 1448 P:40
200	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	ASTM D1319
201	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	IS 1448 P:23
202	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Benzene	ASTM D6277
203	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Density by Hydrometer	IS 1448 P:16
204	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Appearance	IS 2796
205	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Colour	IS 2796
206	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Copper strip corrosion	ASTM D130
207	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Copper strip corrosion	IS 1448 P:15
208	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Density by Hydrometer	ASTM D 1298

SCOPE OF ACCREDITATION

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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	Motor Gasoline & its Variants	Density(auto)	ASTM D 4052
210	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Distillation	ASTM D 86
211	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Distillation	IS 1448 P:18
212	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Ethanol content	IS 2796
213	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Gum content (Solvent washed)	ASTM D 381
214	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Gum content (Solvent washed)	IS 1448 P:29
215	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Reid vapour pressure (RVP) at 38°C, kPa	ASTM D 323
216	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Reid vapour pressure (RVP) at 38°C, kPa	IS 1448 P:39
217	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline & its Variants	Total sulphur	ASTM D 5453
218	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Calorific Value	IS 1448 P:7
219	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Chloride Content	ASTM D4929
220	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density (Auto)	ASTM D4052
221	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density by Hydrometer	ASTM D1298
222	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density by Hydrometer	IS 1448 P:16
223	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation	ASTM D86
224	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation	IP 123
225	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation	IS 1448 P:18
226	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Non Volatile Residue	IS 1448 P:64
227	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	PIONA (TOTAL PARAFFINS)	ASTM D6730

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228	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid Vapour Pressure(RVP)	IS 1448 P:39
229	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Sulphur	ASTM D4294
230	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Sulphur	ASTM D5453
231	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	CALORIFIC VALUE (CALCULATED)	IS4576
232	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	CALORIFIC VALUE (CALCULATED)	ISO 6976
233	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	CAUSTIC TEST	IS 4576
234	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COMPOSITION ANALYSIS	ASTM D2163
235	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COMPOSITION ANALYSIS	IS 1448 P:151
236	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COMPOSITION ANALYSIS	ISO 7941
237	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COPPER STRIP CORROSION @ 40°C for 1 hr	ASTM D1838
238	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COPPER STRIP CORROSION @ 40°C for 1 hr	IS 1448 P:152
239	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	COPPER STRIP CORROSION @ 40°C for 1 hr	ISO 6251
240	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	DENSITY @15°C (CALCULATED)	ASTM D2598
241	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	DENSITY @15°C (CALCULATED)	IP 432
242	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	DENSITY @15°C (CALCULATED)	ISO 8973
243	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	FREE WATER CONTENT (VISUAL)	IS 4576
244	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	HYDROGEN SULPHIDE	IS 4576
245	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	TOTAL VOLATILE SULPHUR	ASTM D6667
246	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	VAPOUR PRESSURE AT 40°C (CALCULATED)	ASTM D2598

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247	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	VAPOUR PRESSURE AT 40°C (CALCULATED)	IP 432
248	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	VAPOUR PRESSURE AT 40°C (CALCULATED)	ISO 8973
249	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	VOLATILITY (EVAP.TEMP.95% V @ 760 mmHg)	ASTM D1837
250	CHEMICAL- PETROLEUM AND PRODUCTS	PROPANE, BUTANE, LPG MIXTURE	VOLATILITY (EVAP.TEMP.95% V @ 760 mmHg)	IS 1448 P:72