National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HPCL-MITTAL ENERGY LIMITED, VILLAGE PHULOKHARI TALUKA TALWANDI SABOO, BATHINDA, PUNJAB, INDIA

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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- INDUSTRIAL & FINE CHEMICALS	SULPHUR	ACIDITY AS H2SO4	IS 6655
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	SULPHUR	ASSAY	IS 6655 (METHOD I)
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	SULPHUR	MOISTURE	IS 6655
4	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	AROMATICS CONTENT	IS 1448 (PART 23)
5	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	AROMATICS CONTENT	ISO 3837
6	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COPPER STRIP CORROSION AT 100°C FOR 2HRS	IS 1448 (PART 15)
7	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COPPER STRIP CORROSION AT 100°C FOR 2HRS	ISO 2160
8	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY AT 15°C	ASTM D1298
9	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY AT 15°C	IS 1448 (PART 16)
10	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY AT 15°C	ISO 3675
11	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION - Initial Boiling Point	IS 1448 (Part 18)
12	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION-TEMPERATURE AT 10% RECOVERY	IS 1448 (Part 18)
13	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION-TEMPERATURE AT 50% RECOVERY	IS 1448 (Part 18)
14	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION-TEMPERATURE AT 90% RECOVERY	IS 1448 (Part 18)
15	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	IS 1448 (Part 18)
16	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	ELECTRICAL CONDUCTIVITY	ISO 6297
17	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	EXISTENT GUM WITH AIR	IS 1448 (PART 29)
18	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	EXISTENT GUM WITH AIR	ISO 6246

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19	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	KINEMATIC VISCOSITY AT -20°C	IS 1448 (PART 25)
20	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	LUBRICITY, WEAR SCAR DIAMETER (BOCLE)	ASTM D5001
21	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	MERCAPTAN SULPHUR	IS 1448 (PART 109)
22	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	MERCAPTAN SULPHUR	ISO 3012
23	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE CONTAMINATION AT A POINT OF MANUFACTURE	ASTM D5452
24	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =14 µm	IP 565
25	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =14 µm	ISO 4406
26	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =21 µm	IP 565
27	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =21 µm	ISO 4406
28	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =25 µm	IP 565
29	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =25 µm	ISO 4406
30	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =30 µm	IP 565
31	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =30 µm	ISO 4406
32	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =4 µm	IP565
33	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =4 µm	ISO 4406

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34	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =6 µm	IP 565
35	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS, =6 µm	ISO 4406
36	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SAYBOLT COLOUR	ASTM D156
37	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SMOKE POINT	IS 1448 (PART 31)
38	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	THERMAL STABILITY, JFTOT AT CONTROL TEMPERATURE OF 260°C. a) Filter pressure differential	IS 1448 (PART 97)
39	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	THERMAL STABILITY, JFTOT AT CONTROL TEMPERATURE OF 260°C. b) Tube Rating, visual	IS 1448 (PART 97)
40	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL ACIDITY	IS 1448 (PART 113)
41	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL SULPHUR	ASTM D4294
42	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	WATER SEPARATION CHARACTERISTICS. MICRO SEPARATOR RATING (MSEP)	IS 1448 (PART 142)
43	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	FLASH POINT, ABEL	IS 1448 (PART 20)
44	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	FREEZING POINT	IS 1448 (PART 11)
45	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	NAPHTHALENES	IS 1448 (PART 118)
46	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	SILVER STRIP CORROSION AT 50°C FOR 4HRS	IP 227
47	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	SPECIFIC ENERGY	ASTM D3338
48	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUELS	WATER REACTION : INTERFACE RATING	IS 1448 (PART 42)
49	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	BENZENE	ASTM D6229
50	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	BROMINE INDEX	ASTM D2710

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51	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: a) AROMATIC	ASTM D5134
52	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: a) AROMATIC	ASTM D6733
53	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: b) SATURATES	ASTM D5134
54	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: b) SATURATES	ASTM D6733
55	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: c) n-HEXANE	ASTM D5134
56	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: c) n-HEXANE	ASTM D6733
57	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: d) Cyclohexane	ASTM D5134
58	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COMPOSITION BY GC: d) Cyclohexane	ASTM D6733
59	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
60	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DENSITY AT 20°C	ASTM D4052
61	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DENSITY AT 20°C	ISO 12185
62	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: a) Temp.°C (IBP)	ASTM D1078
63	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: a) Temp.°C (IBP)	IS 1448 (PART 18)
64	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: b) Dry Point	ASTM D1078
65	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: b) Dry Point	IS 1448 (PART 18)
66	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: c) Volume % Distilled between 64-70°C	ASTM D1078
67	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	DISTILLATION: c) Volume % Distilled between 64-70°C	IS 1448 (PART 18)
68	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	REFRACTIVE INDEXAT 20°C	ASTM D1218
69	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	SAYBOLT COLOUR	IS 1448 (PART 14)

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70	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	TOTAL SULPHUR	ASTM D5453
71	CHEMICAL- PETROLEUM AND PRODUCTS	HEXANE	TOTAL SULPHUR	ASTM D7183
72	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	ACIDITY, TOTAL	ASTM D974
73	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	ASH	ASTM D482
74	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	ASH	IS 1448 (PART 4/ Sec 2)
75	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CETANE INDEX	ASTM D4737
76	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CETANE NUMBER	ASTM D613
77	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CETANE NUMBER	IS 1448 (PART 9)
78	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CFPP	ASTM D6371
79	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CFPP	IS 1448 (PART 110)
80	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	COPPER STRIP CORROSION AT 50°C FOR 3HRS	ASTM D130
81	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
82	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DENSITY AT 15°C	ASTM D1298
83	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DENSITY AT 15°C	ASTM D4052
84	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DISTILLATION TEMP. AT 95% VOL.RECOVERY	ASTM D86
85	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DISTILLATION-TEMPERATURE AT 95% Vol Recovery	IS 1448 (Part 18)
86	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DISTILLATION-TEMPERATURE AT 95% Vol Recovery	ISO 3405
87	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	FLASH POINT, ABEL	IP 170
88	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	FLASH POINT, ABEL	IS 1448 (PART 20)

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89	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	KINEMATIC VISCOSITY AT 40°C	ASTM D445
90	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	KINEMATIC VISCOSITY AT 40°C	IS 1448 (PART 25/Sec1)
91	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	LUBRICITY (HFRR)	ISO 12156-1
92	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	OXIDATION STABILITY	ASTM D2274
93	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	OXIDATION STABILITY	IS 1448 (PART 154)
94	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	POLYAROMATIC HYDROCARBONS	IP 391
95	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	POUR POINT	ASTM D97
96	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	POUR POINT	IS 1448 (PART 10/ Sec2)
97	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	RAMSBOTTOM CARBON RESIDUE	IS 1448 (PART 8)
98	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	RAMSBOTTOM CARBON RESIDUE	ISO 10370
99	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	TOTAL CONTAMINATION	EN 12662
100	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	TOTAL SULPHUR	ASTM D5453
101	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	TOTAL SULPHUR	ISO 20846
102	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	WATER CONTENT	ISO 12937
103	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COMPOSITION: a) C2 HYDROCARBONS	ASTM D2163
104	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COMPOSITION: b) C3 HYDROCARBONS	ASTM D2163
105	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COMPOSITION: c) C4 HYDROCARBONS	ASTM D2163
106	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COMPOSITION: d) C5 HYDROCARBONS AND HEAVIER	ASTM D2163

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107	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COMPOSITION: e) UNSATURATED HYDROCARBONS	ASTM D2163
108	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	COPPER STRIP CORROSION AT 38°C FOR 1HOUR	ASTM D1838
109	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	DENSITY OF LPG @ 15°C	IP 432
110	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	TOTAL VOLATILE SULPHUR	ASTM D3246
111	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	VAPOUR PRESSURE AT 40°C	IP 432
112	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS	VOLATILITY:EVAPORATION TEMP IN °C FOR 95% Vol at 760mm	is 1448 (PART 72)
113	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	AROMATIC CONTENT	IS 1448 (PART 23)
114	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	AROMATIC CONTENT	ISO 3837
115	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
116	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	COPPER STRIP CORROSION AT 50°C FOR 3HRS	ISO 2160
117	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DENSITY AT 15°C	ASTM D1298
118	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DENSITY AT 15°C	IS 1448 (PART 16)
119	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT 50% VOL RECOVERY	ASTM D86
120	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT 50% VOL RECOVERY	IS 1448 (Part 18)
121	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT 95% VOL RECOVERY	ASTM D86
122	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT 95% VOL RECOVERY	IS 1448 (Part 18)
123	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	ASTM D86
124	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	IS 1448 (Part 18)

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125	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT INITIAL BOILING POINT	ASTM D86
126	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	DISTILLATION-TEMPERATURE AT INITIAL BOILING POINT	IS 1448 (Part 18)
127	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	FLASH POINT, ABEL	IS 1448 (PART 20)
128	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTINE OIL	SAYBOLT COLOUR	IS 1448 (PART 14)
129	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	AROMATICS CONTENT	ASTM D1319
130	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	AROMATICS CONTENT	IS 1448 (PART 23)
131	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	BENZENE CONTENT	ASTM D3606
132	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	COPPER STRIP CORROSION AT 50°C FOR 3HRS	ASTM D130
133	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
134	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DENSITY AT 15°C	ASTM D4052
135	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DENSITY AT 15°C	ISO 12185
136	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION RECOVERY UP TO 100°C (E100)	ASTM D86
137	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION RECOVERY UP TO 150°C (E150)	ASTM D86
138	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION RECOVERY UP TO 70°C (E70)	ASTM D86
139	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	ASTM D86
140	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	IS 1448 (Part 18)
141	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	ISO 3405
142	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	MOTOR OCTANE NUMBER (MON)	ASTM D2700
143	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	MOTOR OCTANE NUMBER (MON)	IS 1448 (PART 26)

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144	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	OLEFIN CONTENT	ASTM D1319
145	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	OLEFIN CONTENT	IS 1448 (PART 23)
146	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	OXIDATION STABILITY	ASTM D525
147	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	OXIDATION STABILITY	IS 1448 (PART 28)
148	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	REID VAPOR PRESSURE AT 38°C	ASTM D323
149	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	REID VAPOR PRESSURE AT 38°C	ASTM D5191
150	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	REID VAPOR PRESSURE AT 38°C	IS 1448 (PART 39)
151	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	RESEARCH OCTANE NUMBER (RON)	ASTM D2699
152	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	RESEARCH OCTANE NUMBER (RON)	IS 1448 (PART 27)
153	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	TOTAL SULPHUR	ASTM D5453
154	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	TOTAL SULPHUR	ISO 20846
155	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	BENZENE CONTENT	ASTM D3606
156	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	BENZENE CONTENT	ASTM D5580
157	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Composition by GC - Total Naphthenes	ASTM D6839
158	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	COPPER STRIP CORROSION AT 50°C FOR 3HRS	ASTM D130
159	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
160	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DENSITY AT 15°C	ASTM D4052
161	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DENSITY AT 15°C	ISO 12185
162	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	ASTM D86

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
163	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	IS 1448 (Part 18)
164	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT FINAL BOILING POINT	ISO 3405
165	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT INITIAL BOILING POINT	ASTM D86
166	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT INITIAL BOILING POINT	IS 1448 (Part 18)
167	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION-TEMPERATURE AT INITIAL BOILING POINT	ISO 3405
168	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - AROMATICS	ASTM D 6730
169	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - iso-Paraffins	ASTM D6730
170	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - n-Paraffins	ASTM D6730
171	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - OLEFINS	ASTM D6730
172	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - TOTAL AROMATICS	ASTM D6839
173	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION - TOTAL OLEFINS	ASTM D6839
174	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC COMPOSITION-TOTAL PARAFFINS	ASTM D6839
175	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	LOW OXYGENATES	ASTM D7754
176	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	LOW OXYGENEATES	UOP 960
177	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	REID VAPOUR PRESSURE	ASTM D323
178	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	REID VAPOUR PRESSURE	ASTM D5191
179	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	RESEARCH OCTANE NUMBER (RON)	ASTM D2699
180	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	RESEARCH OCTANE NUMBER (RON)	IS 1448 (PART 27)
181	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	SAYBOLT COLOUR	ASTM D156

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182	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	TOTAL CHLORIDE	ASTM D4929
183	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	TOTAL CHLORIDE	UOP 779
184	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	TOTAL SULPHUR	ASTM D5453
185	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	TOTAL SULPHUR	ASTM D7183
186	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	COPPER STRIP CORROSION AT 50°C FOR 3HRS	IS 1448 (PART 15)
187	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	COPPER STRIP CORROSION AT 50°C FOR 3HRS	ISO 2160
188	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15°C	ASTM D4052
189	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15°C	ISO 12185
190	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION: a) Temp. °C FINAL BOILING POINT. °C MAX	IS 1448 (PART 18)
191	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION: a) Temp. °C FINAL BOILING POINT. °C MAX	ASTM D86
192	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION: b) Volume % Recovered below 200°C	ASTM D86
193	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION: b) Volume % Recovered below 200°C	IS 1448 (PART 18)
194	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	FLASH POINT, ABEL	IS 1448 (PART 20)
195	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SAYBOLT COLOUR	IS 1448 (PART 14)
196	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	ASTM D1322
197	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	IS 1448 (PART 31)
198	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ASTM D4294
199	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ASTM D5453
200	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ASTM D7183

SCOPE OF ACCREDITATION

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201	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ISO 8754
202	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE	MELT FLOW RATE	ASTM D1238
203	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE	YELLOWNESS INDEX-PELLETS	ASTM E313
204	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	AMMONIA	IS 3025 (PART 34) (Nesslerization Method)
205	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	BIO CHEMICAL OXYGEN DEMAND	IS 3025 (PART 44)
206	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	CHEMICAL OXYGEN DEMAND	APHA 5220 C (CLOSED REFLUX, TITRIMETRIC METHOD)
207	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	pH	IS 3025 (PART 11)
208	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	PHENOL	APHA 5530 C (CHLOROFORM EXTRACTION)
209	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	PHENOL	ASTM D2580
210	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	PHOSPHATE	APHA 4500-P D
211	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	SULPHIDE	IS 3025 (PART 29) (Iodometric Method)
212	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	SULPHIDE	IS 3025 (PART 29) (Mthylene Blue Method)
213	CHEMICAL- SOLID FUELS	COKE	GROSS CALORIFIC VALUE	ASTM D5865
214	CHEMICAL- SOLID FUELS	COKE	SULPHUR	ASTM D4239
215	CHEMICAL- SOLID FUELS	COKE	VOLATILE MATTER	ASTM D7582