National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INSPECTORATE GRIFFITH INDIA PVT. LTD., JAMNAGAR LABORATORY, PLOT NO. 4126, PHASE # 3, DARED, JAMNAGAR, 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	ALKALYTE	Induction Period (Oxidation Stability)	ASTM D525
2	CHEMICAL- PETROLEUM AND PRODUCTS	ALKALYTE	Induction Period (Oxidation Stability)	IP 40
3	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Specific Gravity at 60/60 °F	ASTM D1298
4	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Appearance (Visual)	WI – 44, Issue. 02. Dated 01.10.2018
5	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Colour Saybolt	ASTM D156
6	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Copper Strip Corrosion @ 100°C	ASTM D130
7	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Copper Strip Corrosion @ 100°C	IP 154
8	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Copper Strip Corrosion @ 50°C	ASTM D130
9	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Copper Strip Corrosion @ 50°C	IP 154
10	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Density @ 15 °C	ASTM D1298
11	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Density @ 15 °C	ASTM D1298
12	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Density @ 15 °C	IP 160
13	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	ASTM D86
14	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123
15	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123
16	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123
17	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123
18	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123

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19	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation	IP 123
20	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation (10 % Volume)	ASTM D86
21	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation (50% Volume)	ASTM D86
22	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation (90% Volume)	ASTM D86
23	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation (FBP)	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Distillation (IBP)	ASTM D86
25	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Doctor Test	ASTM D4952
26	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Doctor Test	IP 30
27	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Sp. Gr. 60/60	IP 160
28	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Specific Gravity at 60/60 °F	ASTM D1298
29	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Total Sulphur	ASTM D5453
30	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Total Sulphur	ASTM D5453
31	CHEMICAL- PETROLEUM AND PRODUCTS	ALKYLATE	Vapor Pressure (DVPE) @ 37.8°C	ASTM D5191
32	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Acidity	ASTM D3242
33	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Appearance	WI – 44, Issue. 01. Dated 29.10.2014
34	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Aromatics (Uncorrected)	ASTM D1319
35	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Colour Saybolt	ASTM D156
36	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Copper Strip Corrosion @ 100°C	ASTM D130
37	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Copper Strip Corrosion @ 100°C	IP 154

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38	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Density @ 15 °C	ASTM D1298
39	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Density @ 15 °C	ASTM D1298
40	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation	IP 123
41	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation	IP 123
42	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation	IP 123
43	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation (10% Volume)	ASTM D86
44	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation (50% Volume)	ASTM D86
45	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation (90% Volume)	ASTM D86
46	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation (FBP)	ASTM D86
47	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Distillation (IBP)	ASTM D86
48	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Doctor Test	ASTM D4952
49	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Doctor Test	IP 30
50	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Electrical Conductivity	ASTM D2624
51	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Existent Gum	IP 540
52	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Flash Point (Abel)	IP 170
53	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Free Water & particulate contamination (Visual Inspection)	ASTM D4176
54	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Freezing Point	ASTM D2386
55	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Freezing Point	IP 16

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56	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Kinematic Viscosity @ -20°C	ASTM D445
57	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Mercaptan Sulphur	ASTM D3227
58	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Mercaptan Sulphur	ASTM D3227
59	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Mercaptan Sulphur	IP 342
60	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Mercaptan Sulphur	IP 342
61	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Particulate Contamination	ASTM D5452
62	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Particulate Contamination	IP 423
63	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Smoke Point	ASTM D1322
64	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Specific Energy	ASTM D3338
65	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Specific Energy	ASTM D3338
66	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Specific Gravity at 60/60 °F	ASTM D1298
67	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Total Sulphur	ASTM D5453
68	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Total Sulphur	ASTM D5453
69	CHEMICAL- PETROLEUM AND PRODUCTS	CBFS	Density @ 15 °C	ASTM D1298
70	CHEMICAL- PETROLEUM AND PRODUCTS	CBFS	Density @ 15 °C	ASTM D1298
71	CHEMICAL- PETROLEUM AND PRODUCTS	CBFS	Flash Point (PMCC)	ASTM D93
72	CHEMICAL- PETROLEUM AND PRODUCTS	CBFS	Flash Point (PMCC)	IP 34
73	CHEMICAL- PETROLEUM AND PRODUCTS	CBFS	Sp. Gr. 60/60	IP 160
74	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15 °C	ASTM D1298

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75	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15 °C	ASTM D1298
76	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15 °C	IP 160
77	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15 °C	IP 160
78	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15 °C	IP 160
79	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Sediments by Extraction	ASTM D473
80	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Sediments by Extraction	IP 53
81	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Sp. Gr. 60/60	IP 160
82	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Specific Gravity at 60/60 °F	ASTM D1298-12
83	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Total Acid Number	ASTM D664
84	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Total Acid Number	IP 177
85	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water by Distillation	ASTM D4006
86	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water by Distillation	IP 358
87	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Ash	ASTM D482
88	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Ash	IP 4
89	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Carbon Residue : Micro (MCRT)	ASTM D4530
90	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Conradson Carbon Residue (CCR)	ASTM D189
91	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Conradson Carbon Residue (CCR)	IP 13
92	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Density @ 15 °C	ASTM D1298
93	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Density @ 15 °C	ASTM D1298

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94	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Density @ 15 °C	IP 160
95	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Density @ 15 °C	IP 160
96	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Flash Point (PMCC)	ASTM D93
97	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Flash Point (PMCC)	IP 34
98	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	K.V. @ 50.0 °C	ASTM D445
99	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Pour Point	ASTM D97
100	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Sediments by Extraction	ASTM D473
101	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Sediments by Extraction	IP 53
102	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Sp. Gr. 60/60	IP 160
103	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Specific Gravity at 60/60 °F	ASTM D1298
104	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Total Acid Number	ASTM D664
105	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Total Acid Number	IP 177
106	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Water	ASTM D95
107	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	Water	IP 74
108	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Color ASTM	ASTM D1500
109	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Specific Gravity at 60/60 °F	ASTM D1298
110	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Appearance	WI – 44, Issue. 02 Dated 01.10.2018
111	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Ash	D482
112	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Ash	IP 4

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113	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Calorific Value	ASTM D4868
114	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cetane Index	ASTM D4737
115	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cetane Index	ASTM D976
116	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cloud Point	ASTM D2500
117	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cloud Point	IP 219
118	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cold Filter Plugging Point (CFPP)	ASTM D6371
119	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cold Filter Plugging Point (CFPP)	D6371
120	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cold Filter Plugging Point (CFPP)	IP 309
121	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Cold Filter Plugging Point (CFPP)	IP 309
122	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Color ASTM	IP 196
123	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Conradson Carbon Residue (CCR) on 10 % distillation residue	ASTM D189
124	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Conradson Carbon Residue (CCR) on 10 % distillation residue	IP 13
125	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Copper Strip Corrosion @ 100°C	ASTM D130
126	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Copper Strip Corrosion @ 100°C	IP 154
127	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Copper Strip Corrosion @ 50°C	ASTM D130
128	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Copper Strip Corrosion @ 50°C	IP 154
129	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Density @ 15 °C	ASTM D1298
130	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Density @ 15 °C	ASTM D1298

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131	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Density @ 15 °C	IP 160
132	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Density @ 15 °C	IP 160
133	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	ASTM D86
134	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
135	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
136	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
137	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
138	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
139	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation	IP 123
140	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation (10% Volume)	ASTM D86
141	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation (50% Volume)	ASTM D86
142	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation (90% Volume)	ASTM D86
143	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation (FBP)	ASTM D86
144	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Distillation (IBP)	ASTM D86
145	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Electrical Conductivity	ASTM D2624
146	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Electrical Conductivity	ASTM D2624
147	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Electrical Conductivity	IP 274
148	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Filter Blocking Tendency	ASTM D2068
149	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Filter Blocking Tendency	IP 387

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150	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Flash Point (PMCC)	ASTM D93
151	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Flash Point (PMCC)	IP 34
152	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Flash Point (PMCC)	IP 34
153	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Free Water & Particulate Contamination	ASTM D4176
154	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	K.V. @ 37.8 °C	ASTM D445
155	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	K.V. @ 37.8 °C	IP 71
156	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	K.V. @ 40.0 °C	ASTM D445
157	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	K.V. @ 40.0 °C	IP 71
158	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Oxidation Stability	ASTM D2274
159	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Oxidation Stability	ASTM D2274
160	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Particulate Contamination	ASTM D6217
161	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Particulate Contamination	IP 415
162	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Pour Point	ASTM D97
163	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Pour Point	IP 15
164	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Sediments by Extraction	ASTM D473
165	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Sediments by Extraction	IP 53
166	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Strong Acid Number	ASTM D664
167	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Strong Acid Number	ASTM D974
168	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Acid Number	ASTM D664

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169	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Acid Number	ASTM D974
170	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Acid Number	IP 139
171	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Acid Number	IP 177
172	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Contamination	IP 440
173	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Sulphur	ASTM 5453
174	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Sulphur	ASTM D5453
175	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Sulphur	ASTM D5453
176	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Total Sulphur	ASTM D5453
177	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Viscosity - Saybolt Universal/Furol	ASTM D2161
178	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Water	ASTM D95
179	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (GAS OIL)	Water	IP 74
180	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (Gasoil)	Carbon Residue : Micro (MCRT)	ASTM D4530
181	CHEMICAL- PETROLEUM AND PRODUCTS	HSD (Gasoil)	Water Content	ASTM D6304
182	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	1,3,butadiene	ASTM D2163
183	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	1-Butene	ASTM D2163
184	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	cis-2-butene	ASTM D2163
185	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Copper Strip Corrosion @ 37.8°C	ASTM D1838
186	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Density@ 15 ° C	ASTM D2598
187	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Ethane	ASTM D2163

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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
188	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Gross Calorific Value	ASTM D3588
189	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Hydrogen Sulphide	IP 401
190	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Isobutane	ASTM D2163
191	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Isobutene	ASTM D2163
192	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Isopentane	ASTM D2163
193	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Mercaptan By Organoleptic	WI – 52, Issue. 02, Dated 01.10.2018
194	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Molecular Weight	ASTM D2421
195	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Motor Octane Number	ASTM D2598
196	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	n-Butane	ASTM D2163
197	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	n-Pentane	ASTM D2163
198	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Oil Stain Observation	ASTM D2158
199	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Propane	ASTM D2163
200	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Propylene	ASTM D2163
201	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Residue on Evaporation	ASTM D2158
202	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Specific Gravity @ 60 ° F	ASTM D2598
203	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Trans-2-butene	ASTM D2163
204	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Vapour Pressure @ 100 ° F (37.8 ° C)	ASTM D2421
205	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Vapour Pressure @ 100 ° F (37.8 ° C)	ASTM D2598
206	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Vapour Pressure @ 40 ° C	IP 432

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207	CHEMICAL- PETROLEUM AND PRODUCTS	LPG (LIQUIFIED PETROLEUM GAS)	Volatility (95% Evaporation tempt.)	WI – 49, Issue. 02 Dated 01.10.2018:
208	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	FVI (Flexible Volatility Index - Calculation)	WI – 46, Issue. 02. Dated 01.10.2018
209	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Appearance	WI – 44, Issue. 02. Dated 01.10.2018, Appearance
210	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Aromatics	ASTM D1319
211	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Aromatics (Uncorrected)	IP 156
212	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Colour (Visual)	WI – 45, Issue. 02. Dated 01.10.2018
213	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Copper Strip Corrosion @ 100°C	ASTM D130
214	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Copper Strip Corrosion @ 100°C	IP 154
215	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Copper Strip Corrosion @ 50°C	ASTM D130
216	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Copper Strip Corrosion @ 50°C	IP 154
217	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density @ 15 °C	ASTM D1298
218	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density @ 15 °C	ASTM D1298
219	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density @ 15 °C	IP 160
220	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density @ 15 °C	IP 160
221	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation	IP 123
222	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation	IP 123
223	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation	IP 123
224	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation	IP 123
225	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation	IP 123

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226	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation (10% Volume)	ASTM D86
227	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation (50% Volume)	ASTM D86
228	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation (90% Volume)	ASTM D86
229	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation (FBP)	ASTM D86
230	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Distillation (IBP)	ASTM D86
231	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Doctor Test	ASTM D4952
232	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Doctor Test	IP 30
233	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Existent Gum Unwashed	ASTM D381
234	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Existent Gum Unwashed	IP 131
235	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Existent Gum Washed	ASTM D381
236	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Existent Gum Washed	IP 131
237	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Induction Period (Oxidation Stability)	ASTM D525
238	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Induction Period (Oxidation Stability)	IP 40
239	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Mercaptan Sulphur	ASTM D3227
240	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Mercaptan Sulphur	ASTM D3227
241	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Mercaptan Sulphur	IP 342
242	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Olefins	ASTM D1319
243	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Olefins (Uncorrected)	IP 156
244	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Oxidation Stability (Potential Gum 4 hours aging)	ASTM D873

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245	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Oxidation Stability (Potential Gum 4 hours aging)	IP 138
246	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Sp. Gr. 60/60	IP 160
247	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Specific Gravity at 60/60 °F	ASTM D1298
248	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Total Sulphur	ASTM D5453
249	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Total Sulphur	ASTM D5453
250	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Vapor Pressure (DVPE)	IP 394
251	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Vapor Pressure (DVPE) at 37.8 °C	ASTM D5191
252	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	VLI (Vapor Lock Index - Calculation)	WI – 46, Issue. 02. Dated 01.10.2018
253	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Appearance (Visual)	WI – 44, Issue. 02. Dated 01.10.2018,
254	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Colour Saybolt	ASTM D156
255	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Copper Strip Corrosion @ 100°C	ASTM D130
256	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Copper Strip Corrosion @ 100°C	IP 154
257	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Copper Strip Corrosion @ 50°C	ASTM D130
258	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Copper Strip Corrosion @ 50°C	IP 154
259	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Density @ 15 °C	ASTM D1298
260	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Density @ 15 °C	ASTM D1298
261	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Density @ 15 °C	IP 160
262	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Density @ 15 °C	IP 160
263	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123

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264	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123
265	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123
266	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123
267	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123
268	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation	IP 123
269	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation (10% Volume)	ASTM D86
270	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation (50% Volume)	ASTM D86
271	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation (90% Volume)	ASTM D86
272	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation (FBP)	ASTM D86
273	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Distillation (IBP)	ASTM D86
274	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Doctor Test	ASTM D4952
275	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Doctor Test	IP 30
276	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Mercaptan Sulphur	ASTM D3227
277	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Mercaptan Sulphur	ASTM D3227
278	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Mercaptan Sulphur	IP 342
279	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Sp. Gr. 60/60	IP 160
280	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Specific Gravity at 60/60 °F	ASTM D1298
281	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Total Sulphur	ASTM D5453
282	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Total Sulphur	ASTM D5453

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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
283	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	Vapor Pressure (DVPE) at 37.8 °C	ASTM D5191
284	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	ASH	ASTM D482
285	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Carbon Residue : Micro (MCRT)	ASTM D4530
286	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Conradson Carbon Residue (CCR)	ASTM D189
287	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Conradson Carbon Residue (CCR)	IP 13
288	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Density @ 15 °C	ASTM D1298
289	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Density @ 15 °C	ASTM D1298
290	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Density @ 15 °C	IP 160
291	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Density @ 15 °C	IP 160
292	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Flash Point (PMCC)	ASTM D93
293	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Flash Point (PMCC)	IP 34
294	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	K.V. @ 50.0 °C	ASTM D445
295	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Pour Point	ASTM D97
296	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Pour Point	IP 15
297	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Specific Gravity at 60/60 °F	ASTM D1298
298	CHEMICAL- PETROLEUM AND PRODUCTS	VGO	Water	ASTM D95