SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY, RELIANCE INDUSTRIES LIMITED, REFINERY & PETROCHEMICAL DIVISION, VILLAGE : MEGHPAR / PADANA , TALUKA : LALPUR, JAMNAGAR, GUJARAT, 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- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	10% Recovery point	ASTM D86
2	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	10% Recovery point	IS 1448 (Part 18)
3	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	50% Recovery point	ASTM D86
4	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	50% Recovery point	IS 1448 (Part 18)
5	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	90% Recovery point	ASTM D86
6	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	90% Recovery point	IS 1448 (Part 18)
7	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Ag strip corrosion rating (4 hrs./50°C)	IP 227
8	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Ag strip corrosion rating (4 hrs./50°C)	IS 1571 (Annex B)
9	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Aromatic content	ASTM D1319
10	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Aromatic content	ASTM D6379
11	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Aromatic content	IS 1448 (Part 23)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Colour	ASTM D156
13	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Cu Strip corrosion (2 hrs. at 100°C)	ASTM D130
14	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Cu Strip corrosion (2 hrs. at 100°C)	IS 1448 (Part 15)
15	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Density at 15°C	ASTM D1298
16	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Density at 15°C	ASTM D4052
17	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Density at 15°C	IS 1448 (Part 16)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation loss	ASTM D86

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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
19	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation loss	IS 1448 (Part 18)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation residue	ASTM D86
21	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation residue	IS 1448 (Part 18)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation-FBP	ASTM D86
23	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation-FBP	IS 1448 (Part 18)
24	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation-IBP	ASTM D86
25	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Distillation-IBP	IS 1448 (Part 18)
26	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Doctor Test	ASTM D4952
27	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Doctor Test	IP 30
28	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Doctor Test	IS 1448 (Part 19)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Electrical Conductivity	ASTM D2624
30	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Electrical Conductivity	IP 274
31	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Existing gum with air	ASTM D381
32	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Existing gum with air	IP 540
33	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Existing gum with air	IS 1448 (Part 29)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Fatty Acid Methyl Ester (FAME) content	IP 585
35	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Flash point (Able CC)	IP 170
36	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Flash point (Able CC)	IS 1448 (Part 20)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Freezing Point	ASTM D2386

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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
38	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Freezing Point	IP 16
39	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Freezing Point	IS 1448 (Part 11)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 14 µm (C)]	ISO 4406 (scale No. by Table 1)
41	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 21 µm (C)]	ISO 4406 (scale No. by Table 1)
42	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 25 µm (C)]	ISO 4406 (scale No. by Table 1)
43	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 30 µm (C)]	ISO 4406 (scale No. by Table 1)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 4 µm (C)]	ISO 4406 (scale No. by Table 1)
45	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	ISO Code [Particulate, = 6 µm (C)]	ISO 4406 (scale No. by Table 1)
46	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	JFTOT – Filter pressure differential	ASTM D3241
47	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	JFTOT – Test temperature	ASTM D3241
48	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	JFTOT – Tube Rating	ASTM D3241
49	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Kinematic viscosity at (-20)°C	ASTM D445
50	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Kinematic viscosity at (-20)°C	IS 1448 (Part 25)
51	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Lubricity	ASTM D5001
52	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Mercaptan Sulphur	ASTM D3227
53	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Mercaptan Sulphur	IS 1448 (Part 109)
54	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	MSEP	ASTM D3948
55	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	MSEP	IS 1448 (Part 142)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Naphthalene	ASTM D1840

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Naphthalene	IS 1448 (Part 118)
58	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Contamination	ASTM D5452
59	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 14 µm (c)	IP 565
60	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 21 µm (c)	IP 565
61	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 25 µm (c)	IP 565
62	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 30 µm (c)	IP 565
63	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 4 µm (c)	IP 565
64	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Particulate Size, = 6 µm (c)	IP 565
65	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Smoke Point	ASTM D1322
66	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Smoke Point	IS 1448 (Part 31)
67	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Specific Energy	ASTM D3338
68	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Total Acidity	ASTM D3242
69	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Total Acidity	IS 1448 (Part 113)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Total Sulphur	ASTM D4294
71	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Total Sulphur	IP 336
72	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Visual Appearance	ASTM D4176 Procedure 1
73	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Visual Appearance	DEF STAN 91-091 Issue 14 (Annex F.1)
74	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Visual Appearance	IS 1571 (Annex D)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel	Water Reaction-interface rating	IS 1448 (Part 42)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	1,4-dioxane	ASTM D4492
77	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	1,4-dioxane	ASTM D7504
78	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acid Wash Color	ASTM D848
79	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acidity	ASTM D847
80	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
81	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Benzene	ASTM D4492
82	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Benzene	ASTM D7504
83	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Boiling Range	ASTM D850
84	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Bromine Index	ASTM D5776
85	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Color (Pt-Co)	ASTM D1209
86	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Ethyl benzene	ASTM D4492
87	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Ethyl benzene	ASTM D7504
88	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	H2S and SO2	ASTM D5623
89	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Methylcyclohexane	ASTM D5713
90	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Non Aromatics	ASTM D4492
91	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Non Aromatics	ASTM D7504
92	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Solidification Point	ASTM D852
93	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Specific gravity at 15.6/15.6°C	ASTM D4052
94	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Thiophene	ASTM D5623

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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
95	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D4492
96	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D7504
97	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Basic Nitrogen	UOP 313
98	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Chloride	ASTM D5808
99	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Chloride	UOP 779
100	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total combined Nitrogen	ASTM D6069
101	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Nitrogen	ASTM D4629
102	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Nitrogen	ASTM D7184
103	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulphur	ASTM D5453
104	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulphur	ASTM D7183
105	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Water content	ASTM D6304
106	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Water content	ASTM E1064
107	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Water content	UOP 481
108	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Acidity Inorganic	ASTM D974
109	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	API gravity	ASTM D287
110	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Ash content	ASTM D482
111	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Asphaltenes	ASTM D6560
112	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	BMCI	By calculation
113	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Density at 15°C	ASTM D1298

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114	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Flash point	ASTM D93
115	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Kinematic viscosity at 50°C	ASTM D445
116	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Kinematic viscosity at 99°C	ASTM D445
117	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Pour point	ASTM D97
118	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Total Sulphur	ASTM D4294
119	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock	Water content	ASTM D95
120	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Acidity Inorganic	ASTM D974
121	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Ash content	ASTM D482
122	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Ash content	IS 1448 (Part 4)
123	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Density at 15°C	ASTM D1298
124	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Density at 15°C	IS 1448 (Part 16)
125	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Flash point (PMCC)	ASTM D93
126	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Flash point (PMCC)	IS 1448 (Part 21)
127	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Gross Calorific Value	IS 1448 (Part 6)
128	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Kinematic viscosity at 50°C	ASTM D445
129	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Kinematic viscosity at 50°C	IS 1448 (Part 25)
130	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Net Calorific Value	IS 1448 (Part 6)
131	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Sediment	ASTM D473
132	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Sediment	IS 1448 (Part 30)

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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
133	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Total Sulphur	ASTM D4294
134	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Water content	ASTM D95
135	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Water content	IS 1448 (Part 40)
136	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
137	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	C10 Aromatics	UOP 744
138	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	C11 Aromatics	UOP 744
139	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	C9 Aromatics	UOP 744
140	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Density at 15°C	ASTM D1298
141	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Distillation-FBP	ASTM D86
142	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Distillation-IBP	ASTM D86
143	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Flash point	ASTM D93
144	CHEMICAL- PETROLEUM AND PRODUCTS	Heavy Aromatics	Total Sulphur	ASTM D5453
145	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	10% Recovery point	ASTM D86
146	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	50% Recovery point	ASTM D86
147	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	85% Recovery point	ASTM D86
148	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	90% Recovery point	ASTM D86
149	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	95% Recovery point	ASTM D86
150	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	95% Recovery point	IS 1448 (Part 18)
151	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Acid number	ASTM D974

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152	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Acidity Inorganic	ASTM D974
153	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Appearance	ASTM D4176 Procedure 1
154	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
155	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ash	ASTM D482
156	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ash	IS 1448 (Part 4/Section 1)
157	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASTM Color	ASTM D1500
158	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	ASTM Color	IS 1448 (Part 12)
159	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Calorific value	ASTM D240
160	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Index	ASTM D4737
161	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane index	ASTM D976
162	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane index	IS 1448 (Part 174)
163	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Number	ASTM D613
164	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Number	IS 1448 (Part 9)
165	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cloud Point	ASTM D2500
166	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cloud Point	IS 1448 (Part 10/Sec 1)
167	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cold Filter Plugging Point	ASTM D6371
168	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cold Filter Plugging Point	IS 1448 (Part 110)
169	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Conradson carbon residue (CCR)	ASTM D4530
170	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Conradson carbon residue (CCR)	IS 1448 (Part 8)

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171	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cu corrosion (3 hrs. at 50°C)	ASTM D130
172	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cu corrosion (3 hrs. at 50°C)	IS 1448 (Part 15)
173	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density at 15°C	ASTM D1298
174	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density at 15°C	ASTM D4052
175	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density at 15°C	IS 1448 (Part 16)
176	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation-IBP	ASTM D86
177	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	DSEP Rating	ASTM D7261
178	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Electrical conductivity	ASTM D2624
179	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Fatty acid methyl ester(FAME) content	ASTM D7371
180	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash point by Abel Closed Cup	IS 1448 (Part 20)
181	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93
182	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash Point by Pensky-Martens Closed Cup Tester	IS 1448 (Part 21)
183	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Hydrogen sulphide(H2S)	IP 570
184	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic viscosity at 40°C	ASTM D445
185	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic viscosity at 40°C	IS 1448 (Part 25/Section 1)
186	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic viscosity at 50°C	ASTM D445
187	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Lubricity	ASTM D6079
188	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Lubricity	ISO 12156-1
189	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Lubricity, corrected WSD at 60°C	IS 1448 (Part 149)

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190	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Oxidation Stability	ASTM D2274
191	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Oxidation Stability	IS 1448 (Part 154)
192	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Particulate contamination	ASTM D6217
193	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Polycyclic aromatic dyrocarbon(PAH)	ASTM D6591
194	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Polycyclic aromatic hydrocarbon (PAH)	EN 12916
195	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Polycyclic aromatic hydrocarbon (PAH)	IP 391
196	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	ASTM D97
197	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	IS 1448 (Part 10/Sec 2)
198	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ramsbottom Carbon Residue	ASTM D524
199	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ramsbottom Carbon Residue	IS 1448 (Part 8)
200	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Acidity	ASTM D664
201	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Acidity	IS 1448 (Part 2)
202	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Contamination	EN 12662
203	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	ASTM D4294
204	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	ASTM D5453
205	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulphur	IS 1448 (Part 160)
206	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water and Sediment	ASTM D2709
207	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water content	ASTM D6304
208	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water content	IS 1448 (Part 182)

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209	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Acid Number	IS 1448 (Part 2)
210	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Ash Content	IS 1448 (Part 4/Section 1)
211	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Carbon residue on whole sample	IS 1448 (Part 8)
212	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Cu strip corrosion (3 hrs. at 100°C)	IS 1448 (Part 15)
213	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Density at 15°C	IS 1448 (Part 16)
214	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Flash Point (PMCC)	IS 1448 (Part 21)
215	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Kinematic viscosity at 40°C	IS 1448 (Part 25/Section 1)
216	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Pour point	IS 1448 (Part 10/Section 2)
217	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Sediment	IS 1448 (Part 30)
218	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Total Sulphur	ASTM D4294
219	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil	Water content	IS 1448 (Part 40)
220	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	95 percent evaporated point at 760 mm of mercury	IS 1448 (Part 72)
221	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Caustic Test	IS 4576 [Note-11]
222	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Copper strip corrosion at 40°C for 1 hrs.	IS 1448 (Part 152)
223	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Density at 15°C	IP 432
224	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Free Water	IS 4576 [Note-9]
225	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Hydrogen Sulphide (H2S)	ASTM 2420
226	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Odour	IS 4576 [Section-5.2]
227	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Total volatile Sulphur	ASTM D3246

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228	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas	Vapour pressure at 40°C	IP 432
229	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Acidity Inorganic	IS 1448 (Part 2)
230	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Ash content	IS 1448 (Part 4)
231	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Density at 15°C	IS 1448 (Part 16)
232	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Flash point (PMCC)	IS 1448 (Part 21)
233	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Gross Calorific Value	IS 1448 (Part 6)
234	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Kinematic viscosity at 100°C	IS 1448 (Part 25)
235	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Pour point	IS 1448 (Part 10/Sec 2)
236	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Sediment	IS 1448 (Part 30)
237	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Total Sulphur	ASTM D4294
238	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur Heavy Stock	Water content	IS 1448 (Part 40)
239	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	10% Recovery point	ASTM D86
240	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	50% Recovery point	ASTM D86
241	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	90% Recovery point	ASTM D86
242	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Any other oxygenates	ASTM D4815
243	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
244	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Aromatic content	ASTM D1319
245	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Aromatic content	ASTM D5580
246	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Aromatic content	IS 1448 (Part 23)

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247	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Benzene	ASTM D3606
248	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Color	CLJ/QCD/COLOR dated 01.01.2020
249	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Cu corrosion (3 hrs. at 50°C)	ASTM D130
250	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Cu corrosion (3 hrs. at 50°C)	IS 1448 (Part 15)
251	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density at 15°C	ASTM D1298
252	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density at 15°C	ASTM D4052
253	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Density at 15°C	IS 1448 (Part 16)
254	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Distillation residue	IS 1448 (Part 18)
255	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Distillation-FBP	ASTM D86
256	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Distillation-FBP	IS 1448 (Part 18)
257	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Distillation-IBP	ASTM D86
258	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Doctor test	ASTM D4952
259	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Doctor test	IP 30
260	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Ethanol content	ASTM D4815
261	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Ether containing 5/more C atoms (TAME)	ASTM D4815
262	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Gum Content	ASTM D381
263	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Gum Content	IS 1448 (Part 29)
264	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Lead content (as Pb)	IP 352
265	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Mercaptan Sulphur	ASTM D3227

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266	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Motor Octane Number	ASTM D2700
267	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Motor Octane Number	IS 1448 (Part 26)
268	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Olefin content	ASTM D1319
269	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Olefin content	IS 1448 (Part 23)
270	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Oxidation stability	ASTM D525
271	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Oxidation stability	IS 1448 (Part 28)
272	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Oxygen content	ASTM D4815
273	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Oxygenates	ASTM D4815
274	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Potential Gum	ASTM D873
275	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 100°C (E-100)	ASTM D86
276	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 100°C (E-100)	IS 1448 (Part 18)
277	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 150°C (E-150)	ASTM D86
278	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 150°C (E-150)	IS 1448 (Part 18)
279	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 70°C (E-70)	ASTM D86
280	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Recovery up to 70°C (E-70)	IS 1448 (Part 18)
281	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Reid vapour pressure at 37.8°C	ASTM D5191
282	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Research Octane Number	ASTM D2699
283	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Research Octane Number	IS 1448 (Part 27)
284	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Sediments	ASTM D5452

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285	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Sulphur content	ASTM D5453
286	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Total Sulphur	ASTM D3120
287	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	VLI (Vapor lock index)	IS 2796 [Table – 1]
288	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	90% Recovery point	ASTM D86
289	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	90% Recovery point	IS 1448 (Part 18)
290	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
291	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Aromatic content	ASTM D5443
292	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Carbon disulphide (CS2)	ASTM D5623
293	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Chloride	ASTM D4929
294	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Chloride	UOP 779
295	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Colour (Saybolt)	ASTM D156
296	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Colour (Saybolt)	IS 1448 (Part 14)
297	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density at 15°C	IS 1448 (Part 16)
298	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation-FBP	ASTM D86
299	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation-FBP	IS 1448 (Part 18)
300	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation-IBP	ASTM D86
301	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation-IBP	IS 1448 (Part 18)
302	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	iso : n Paraffins ratio	ASTM D5443
303	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Naphthene	ASTM D5443

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304	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	n-Paraffins	ASTM D5443
305	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	ASTM D1319
306	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	IS 1448 (Part 23)
307	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid vapour pressure (RVP) at 38°C	ASTM D5191
308	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid vapour pressure at 38°C	IS 1448 (Part 39)
309	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Specific gravity at 60/60°F	ASTM D4052
310	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Oxygenates	ASTM D7423
311	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total paraffins	ASTM D5443
312	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Sulphur	ASTM D3120
313	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Sulphur	ASTM D5453
314	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Acid Wash Color	ASTM D848
315	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
316	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Benzene	ASTM D3797
317	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Benzene	ASTM D7504
318	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Bromine Index	ASTM D5776
319	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	C8 Aromatics other than O-Xylene	ASTM D3797
320	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	C8 Aromatics other than O-Xylene	ASTM D7504
321	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Chlorine	ASTM D4929
322	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Color (Pt-Co)	ASTM D1209

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323	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Cumene	ASTM D3797
324	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Cumene	ASTM D7504
325	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Density at 20°C	ASTM D4052
326	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Distillation 760 mm Hg inclusive 144°C	ASTM D850
327	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Ethyl benzene	ASTM D3797
328	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Ethyl benzene	ASTM D7504
329	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Iso propyl benzene	ASTM D3797
330	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Iso propyl benzene	ASTM D7504
331	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Meta xylene	ASTM D3797
332	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Meta xylene	ASTM D7504
333	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Nitrogen (N2)	ASTM D4629
334	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Nitrogen (N2)	ASTM D7184
335	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Non Aromatics	ASTM D3797
336	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Non Aromatics	ASTM D7504
337	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Ortho Xylene	ASTM D3797
338	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Ortho Xylene	ASTM D7504
339	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Para xylene	ASTM 7504
340	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Para xylene	ASTM D3797
341	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Refractive index at 20°C	ASTM D1218

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342	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Residue on evaporation	ASTM D1353
343	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Specific gravity at 15.5/15.5°C	ASTM D4052
344	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Styrene	ASTM D3797
345	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Styrene	ASTM D7504
346	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Toluene	ASTM D3797
347	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Toluene	ASTM D7504
348	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total Acidity	ASTM D847
349	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total C9 Aromatics	ASTM D3797
350	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total C9 Aromatics	ASTM D7504
351	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total Sulphur	ASTM D3120
352	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total Sulphur	ASTM D5453
353	CHEMICAL- PETROLEUM AND PRODUCTS	Ortho Xylene	Total Sulphur	ASTM D7183
354	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Acid Wash Color	ASTM D848
355	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Appearance	ASTM E2680
356	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Appearance	CLJ/QCD/APPEARANCE dated 01.01.2020
357	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Benzene	ASTM D7504
358	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Benzene	UOP 720
359	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Bromine Index	ASTM D5776
360	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Chloride	UOP 779

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361	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Color (Pt-Co)	ASTM D1209
362	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Color (Pt-Co)	ASTM D8005
363	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Distillation Range	ASTM D850
364	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ethyl benzene	ASTM D7504
365	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ethyl benzene	UOP 720
366	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Meta xylene	ASTM D7504
367	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Meta xylene	UOP 720
368	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Nitrogen (N2)	ASTM D4629
369	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Nitrogen (N2)	ASTM D7184
370	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Non Aromatics	ASTM D7504
371	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Non Aromatics	UOP 720
372	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ortho Xylene	ASTM D7504
373	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ortho Xylene	UOP 720
374	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Para xylene	ASTM D7504
375	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Para Xylene	UOP 720
376	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Specific gravity at 15.5/15.5°C	ASTM D4052
377	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Toluene	ASTM D7504
378	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Toluene	UOP 720
379	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Sulphur	ASTM D3120

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
380	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Sulphur	ASTM D5453
381	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Sulphur	ASTM D7183
382	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Trace C9 Impurities	ASTM D7504
383	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Trace C9 Impurities	UOP 931
384	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash (dry basis)	ASTM D7582
385	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Fixed Carbon on dry basis	ASTM D7582
386	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Gross Calorific Value	ASTM D5865
387	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Hardgrove Grindability Index	IS 4433
388	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture (as received)	IS 1448 (Part 132)
389	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture content (after initial drying)	ASTM D7582
390	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Total Sulphur on Dry Basis	ASTM D4239
391	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Volatile Matter	ASTM D7582
392	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	API gravity	ASTM D1298
393	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Bottom Sediment & Water	ASTM D4007
394	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Density at 15°C	ASTM D1298
395	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Filtrable Solids	ASTM D4807
396	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Salt Content	ASTM D3230
397	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Sulphur	ASTM D4294
398	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Crude Oil	Total Acidity	ASTM D664

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399	CHEMICAL- PETROLEUM AND PRODUCTS	Polypropylene	Melt Flow Index	ASTM D1238
400	CHEMICAL- PETROLEUM AND PRODUCTS	Polypropylene	Yellowness Index	ASTM D6290
401	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Acetylene	ASTM D2712
402	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	C4 and heavier	ASTM D2712
403	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon dioxide (CO2)	UOP 603
404	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon monoxide (CO)	UOP 603
405	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Ethylene	ASTM D2712
406	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Methane + Ethane	ASTM D2712
407	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Methyl alcohol	ASTM D7423
408	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propadiene + MA	ASTM D2712
409	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propane	ASTM D2712
410	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propylene	ASTM D2712
411	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Total Sulphur content	ASTM D3246
412	CHEMICAL- WATER	Potable Water	Chloride	IS 3025 (Part 32)
413	CHEMICAL- WATER	Potable Water	pH	IS 3025 (Part 11)
414	CHEMICAL- WATER	Potable Water	Sulphates	IS 3025 (Part 24)
415	CHEMICAL- WATER	Potable Water	Total Dissolved Solids	IS 3025 (Part 16)
416	CHEMICAL- WATER	Potable Water	Total Hardness	IS 3025 (Part 21)
417	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025 (Part 10)
418	CHEMICAL- WATER	Treated Water	Ammonical Nitrogen	IS 3025 (Part 34)
419	CHEMICAL- WATER	Treated Water	Biological Oxygen Demand	APHA 5210D (23rd Edition)
420	CHEMICAL- WATER	Treated Water	Biological Oxygen Demand	IS 3025 (Part 44)
421	CHEMICAL- WATER	Treated Water	Chemical Oxygen Demand	APHA 5220D (23rd Edition)

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422	CHEMICAL- WATER	Treated Water	Chemical Oxygen Demand	ASTM D1252
423	CHEMICAL- WATER	Treated Water	Chloride	IS 3025 (Part 32)
424	CHEMICAL- WATER	Treated Water	Oil and Grease	IS 3025 (Part 39)
425	CHEMICAL- WATER	Treated Water	pH	IS 3025 (Part 11)
426	CHEMICAL- WATER	Treated Water	Sulphates	IS 3025 (Part 24)
427	CHEMICAL- WATER	Treated Water	Sulphide content	IS 3025 (Part 29)
428	CHEMICAL- WATER	Treated Water	Total Dissolved Solids	IS 3025 (Part 16)
429	CHEMICAL- WATER	Treated Water	Total Suspended Solids	IS 3025 (Part 17)
430	CHEMICAL- WATER	Treated Water	Turbidity	IS 3025 (Part 10)