National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY (SEZ), RELIANCE INDUSTRIES LIMITED (UNIT OF SEZ), REFINERY AND PETROCHEMICAL DIVISION, VILLAGE: MEGHPAR / PADANA, TALUKA LALPUR, JAMNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 03/12/2022 to 02/12/2024 **Last Amended on** -

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	Alkylate Product	Aromatics	ASTM D6839
2	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Benzene	ASTM D3606-21
3	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Density @ 15°C	ASTM D4052-22
4	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - 10% Vol. Recovered/Evaporated	ASTM D86-20b
5	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - 50% Vol. Recovered/Evaporated	ASTM D86-20b
6	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - 90% Vol. Recovered/Evaporated	ASTM D86-20b
7	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - 95% Vol. Recovered	ASTM D86-20b
8	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - Final Boiling Point	ASTM D86-20b
9	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation (Automated Method) - Initial Boiling Point	ASTM D86-20b
10	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Distillation Residue	ASTM D86-20b
11	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	mercaptans, hydrogen sulfide, elemental sulfur and peroxides- Doctor test	IP 30
12	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Motor Octane Number	ASTM D2700-22
13	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Olefins	ASTM D1319-20a
14	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Research Octane Number	ASTM D2699-21
15	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	TAME	ASTM D4815-22
16	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Total Sulfur	ASTM D5453-19a
17	CHEMICAL- PETROLEUM AND PRODUCTS	Alkylate Product	Vapour Pressure	ASTM D5191

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18	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	1,4 Dioxane	ASTM D4492 (Withdrawn)
19	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acid Wash Color	ASTM D848-18
20	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acidity	ASTM D847-16
21	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Benzene Purity	ASTM D4492 (Withdrawn)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Bromine Index	ASTM D5776-21
23	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	C8 & heaviers	ASTM D4492 (Withdrawn)
24	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Density @ 15°C	ASTM D4052-22
25	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Distillation Range	ASTM D850
26	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Ethyl Benzene	ASTM D4492 (Withdrawn)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Methyl Cyclohexane	ASTM D 5713-14 e1
28	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Methyl Cyclopentane	ASTM D5713-14 e1
29	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Nitrogen	ASTM D7184-20
30	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Non Aromatic	ASTM D4492 (Withdrawn)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Organic Chloride	ASTM D4929
32	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Platinum-Cobalt Color	ASTM D1209-05 (2019)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Specific Gravity	ASTM D4052-22
34	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D4492 (Withdrawn)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D5713-14 (2018)e1
36	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulfur	ASTM D5453

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37	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulfur	ASTM D7183-18ae1
38	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Water Content	ASTM D6304-20
39	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Ash Content	ASTM D482-19
40	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Carbon Residue	ASTM D 4530-15
41	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Density @ 15°C	ASTM D1298
42	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Flash point (PMCC) (AUTO)	ASTM D93-20
43	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Kinematic Viscosity @ 100°C	ASTM D445-21e1
44	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Kinematic Viscosity @ 50°C	ASTM D445-21e1
45	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Pour Point	ASTM D97-17b
46	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Sediment	ASTM D473-22
47	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Sulphur as S	ASTM D4294-21
48	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feed Stock & Fuel Oil	Water Content	ASTM D95
49	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Acidity	ASTM D664-18e2
50	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density @ 15°C	ASTM D1298
51	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Salt content	ASTM D3230-19
52	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Sediment	ASTM D473-22
53	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Sulphur as S	ASTM D4294-21
54	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water and Sediment	ASTM D 4007-11 e1
55	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Acid & Base Number	ASTM D974-21

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56	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Acid Number	ASTM D664-18e2
57	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ash Content	ASTM D482-19
58	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ash Content	ISO 6245-01
59	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Calculated Cetane Index	ASTM D4737-21
60	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Calculated Cetane Index	ASTM D976-21
61	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Calculated Cetane Index	ISO 4264-18
62	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Carbon Residue on 10% (V/V) Distillation Residue	ASTM D4530-15
63	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Carbon Residue on 10% (V/V) Distillation Residue	ISO 10370-14
64	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Number	ASTM D613-18ae1
65	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Number	EN 5165-20
66	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Number	ISO 5165-20
67	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cloud Point	ASTM D2500-17a
68	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cloud Point	EN ISO 3015-19
69	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cloud Point	ISO 3015-19
70	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cold filter plugging point	ASTM D6371-17a
71	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cold filter plugging point	EN 116-15
72	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cold filter plugging point	IP 309-16
73	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour ASTM	ASTM D1500
74	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Colour ASTM	ISO 2049-96

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75	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	ASTM D130-19
76	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Copper Corrosion	ISO 2160-98
77	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density @ 15°C	ASTM D1298-12b
78	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density @ 15°C	ASTM D4052-22
79	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density @ 15°C	ISO 3675-98
80	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density @ 20°C	ASTM D1298-12b
81	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density @ 20°C	ASTM D4052-22
82	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Di Aromatic HC	ASTM D6591-19
83	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Di Aromatic HC	IP 391-07
84	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 10% Vol. Recovered/Evaporated	ASTM D86-20b
85	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 10% Vol. Recovered/Evaporated	ISO 3405-19
86	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 20% Vol. Recovered/Evaporated	ASTM D86-20b
87	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 50% Vol. Recovered/Evaporated	ASTM D86-20b
88	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 50% Vol. Recovered/Evaporated	ISO 3405-19
89	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 85% Vol. Recovered/Evaporated	ASTM D86-20b
90	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 90% Vol. Recovered/Evaporated	ASTM D86-20b

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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
91	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 90% Vol. Recovered/Evaporated	ISO 3405-19
92	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 95% Vol. Recovered/Evaporated	ASTM D86-20b
93	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - 95% Vol. Recovered/Evaporated	ISO 3405-19
94	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Final Boiling Point	ASTM D86-20b
95	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Final Boiling Point	ISO 3405-19
96	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Initial Boiling Point	ASTM D86-20b
97	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Initial Boiling Point	ISO 3405-19
98	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Recovery at 250°C	ASTM D86-20b
99	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Recovery at 250°C	ISO 3405-19
100	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Recovery at 350°C	ASTM D86-20b
101	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Recovery at 350°C	ISO 3405-19
102	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation (Automated Method) - Recovery at 365°C	ASTM D86-20b
103	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Doctor Test	ASTM D4952
104	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Electrical Conductivity	ASTM D2624-21a
105	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Electrical Conductivity	ISO 6297-97
106	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Filter Blocking Tendency	ASTM D2068-20
107	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash point (PMCC) (AUTO)	ASTM D93-20
108	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash point (PMCC) (AUTO)	EN ISO 2719-16

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109	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Flash point (PMCC) (AUTO)	ISO 2719-16
110	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Free Water and Particulate (Visual Inspection)	ASTM D4176-21a
111	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity	ASTM D445-21e1
112	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity	ISO 3104-20
113	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Lubricity	ASTM D6079-18
114	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Lubricity	ISO 12156-1-18
115	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Mono Aromatic HC	ASTM D6591-19
116	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Mono Aromatic HC	IP 391-07
117	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Neutralization Number	DIN 51558- Part 1
118	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Nitrogen	ASTM D4629-17
119	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Organic Chloride	ASTM D4929-19a
120	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Oxidation Stability	ASTM D2274-14
121	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Oxidation Stability	ISO 12205-95
122	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Particulate Contamination	ASTM D6217-21
123	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Particulate Contamination	EN ISO 12662-14
124	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	ASTM D97-17b
125	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Pour Point	ISO 3016-19
126	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Ramsbottom carbon residue on 10% distillation residue	ASTM D524-15
127	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Sediment	ASTM D473-22

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128	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Specific Gravity	ASTM D4052-22
129	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Sulphur	ASTM D4294-21
130	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Aromatic	ASTM D6591-19
131	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Aromatic	IP 391-07
132	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulfur	ASTM D5453-19a
133	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Total Sulfur	ISO 20846-19
134	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Tri+ Aromatic HC	ASTM D6591-19
135	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Tri+ Aromatic HC	IP 391-07
136	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water and Sediment	ASTM D2709-22
137	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water Content	ASTM D6304-20
138	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Water Content	ISO 12937-00
139	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	1,3-Butadiene	ASTM D2163
140	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	1-butene	ASTM D2163
141	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	C6 & Heaviers	ASTM D2163
142	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Caustic Test	IS 4576 [Note-11]
143	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Cis-2-butene	ASTM D2163
144	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Copper strip corrosion at 40°C for 1 hrs.	IS 1448 (Part 152)
145	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Density	IP 432
146	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Ethane	ASTM D2163

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147	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Free Water	IS 4576 [Note-9]
148	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Hydrogen Sulfide	ASTM D2420
149	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	I-Pentane	ASTM D2163
150	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Iso-butane	ASTM D2163
151	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Iso-butene	ASTM D2163
152	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	n-Butane	ASTM D2163
153	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	n-Pentane	ASTM D2163
154	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Odour	IS 4576 [Section-5.2]
155	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Propane	ASTM D2163
156	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Propylene	ASTM D2163
157	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	t-2-butene	ASTM D2163
158	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Vapor Pressure	IP 432
159	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases	Volatility	IS 1448 (Part 72)
160	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Active Sulphur Species	ASTM D4952
161	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	API Gravity	ASTM D4052-22
162	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	ASTM D1319-20a
163	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Benzene	ASTM D3606
164	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Benzene	ASTM D5580-21
165	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	C9 & Heavier Aromatics	ASTM D5580

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166	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Corrosion	ASTM D130-19
167	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density @ 15°C	ASTM D4052-22
168	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density @ 20°C	ASTM D4052-22
169	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	DIPE	ASTM D4815-22
170	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - 10% Vol. Recovered/Evaporated	ASTM D86-20b
171	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - 50% Vol. Recovered/Evaporated	ASTM D86-20b
172	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - 90% Vol. Recovered/Evaporated	ASTM D86-20b
173	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Distillation Loss	ASTM D86-20b
174	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Distillation Residue	ASTM D86-20b
175	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Final Boiling Point	ASTM D86-20b
176	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Initial Boiling Point	ASTM D86-20b
177	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 100°C	ASTM D86-20b
178	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 120°C	ASTM D86-20b
179	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 150°C	ASTM D86-20b
180	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 180°C	ASTM D86-20b

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181	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 190°C	ASTM D86-20b
182	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 200°F	ASTM D86-20b
183	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 300°F	ASTM D86-20b
184	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 65°C	ASTM D86-20b
185	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 70°C	ASTM D86-20b
186	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation (Automated Method) - Recovered/Evaporated up to 80°C	ASTM D86-20b
187	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Driveability index	ASTM D4814-21c
188	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Ethyl Benzene	ASTM D5580-21
189	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum content	ASTM D381-22
190	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Lead	IP 352-14
191	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Mercaptan	ASTM D3227-16
192	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Motor Octane Number	ASTM D2700-22
193	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	MTBE	ASTM D4815-22
194	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Olefins	ASTM D1319-20a

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195	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Oxidation Stability	ASTM D525
196	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Research Octane Number	ASTM D2699-21
197	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Specific Gravity	ASTM D4052-22
198	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	TAME	ASTM D4815-22
199	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	tertiary-Amyl Alcohol and C1 to C4 Alcohols	ASTM D4815-22
200	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Toluene	ASTM D5580-21
201	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Aromatics	ASTM D5580-21
202	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Oxygenates	ASTM D7423-17
203	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulfur	ASTM D5453-19a
204	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	TVL Ratio at 20	ASTM D4814-21c
205	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Vapor Pressure	ASTM D 323-20a
206	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Vapor Pressure	ASTM D5191
207	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Xylenes	ASTM D5580-21
208	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density @ 15°C	ASTM D4052-22
209	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 10% Vol. Recovered/Evaporated	ASTM D86-20b
210	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 30% Vol. Recovered/Evaporated	ASTM D86-20b
211	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 5% Vol. Recovered/Evaporated	ASTM D86-20b

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212	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 50% Vol. Recovered/Evaporated	ASTM D86-20b
213	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 70% Vol. Recovered/Evaporated	ASTM D86-20b
214	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - 90% Vol. Recovered/Evaporated	ASTM D86-20b
215	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - Final Boiling Point	ASTM D86-20b
216	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation (Automated Method) - Initial Boiling Point	ASTM D86-20b
217	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Nitrogen	ASTM D4629-17
218	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	ASTM D1319-20a
219	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Organic Chloride	ASTM D4929-19a
220	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Organic Chloride	UOP 779-08
221	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Saybolt Color	ASTM D156
222	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Specific Gravity	ASTM D4052-22
223	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Aromatics	ASTM D5443-14
224	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total i-Paraffin’s	ASTM D5443-14
225	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Naphthenes	ASTM D5443-14
226	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total n-Paraffin’s	ASTM D5443-14
227	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Oxygenates	ASTM D7423-17
228	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Paraffin	ASTM D5443-14
229	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Total Sulfur	ASTM D5453-19a

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230	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Vapor Pressure	ASTM D5191
231	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Acid Wash Color	ASTM D848-18
232	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Appearance	ASTM E2680
233	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Bromine Index	ASTM D5776-21
234	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	C9+ Aromatics	ASTM D7504-21
235	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	C9+ Aromatics	UOP 720-08
236	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Density @ 15°C	ASTM D4052-22
237	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Distillation Range	ASTM D850
238	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ethyl Benzene	ASTM D7504-21
239	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ethyl Benzene	UOP 720-08
240	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Meta Xylene	ASTM D7504-21
241	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Meta Xylene	UOP 720-08
242	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Nitrogen	ASTM D4629-17
243	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Nitrogen	ASTM D7184-20
244	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Non Aromatics	ASTM D7504-21
245	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Non Aromatics	UOP 720-08
246	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ortho Xylene	ASTM D7504-21
247	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Ortho Xylene	UOP 720-08
248	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Para Xylene	ASTM D7504-21

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249	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Para Xylene	UOP 720-08
250	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Platinum-Cobalt Color	ASTM D1209-05
251	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Platinum-Cobalt color (pt-co)	ASTM D5386
252	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Specific Gravity	ASTM D4052-22
253	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Toluene	ASTM D7504-21
254	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Toluene	UOP 720-08
255	CHEMICAL- PETROLEUM AND PRODUCTS	Para Xylene	Total Sulfur	ASTM D7183-18ae1
256	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash (dry basis)	ASTM D7582-15
257	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Gross Calorific Value	ASTM D5865 / D5865M-19
258	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture	ASTM D7582-15
259	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Sulphur	ASTM D1552-16
260	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Volatile matter	ASTM D7582-15
261	CHEMICAL- PLASTIC & RESINS	Polypropylene (PP)	Melt Flow Index	ASTM D1238-20 (Procedure B)
262	CHEMICAL- PLASTIC & RESINS	Polypropylene (PP)	Yellowness Index	ASTM D6290-19
263	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Ammonical Nitrogen as NH4+_N	IS 3025 (Part 34)
264	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Biochemical Oxygen Demand @ 20°C/5days	APHA 5210D (23rd edition)
265	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Chemical Oxygen Demand	APHA 5220D (23rd edition)
266	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Chloride as Cl-	IS 3025 (Part 32)
267	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	pH @ 25°C	IS 3025 (Part 11)

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268	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Phenol content as C_6H_5OH	ASTM D1783
269	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Total Hardness as $CaCO_3$	IS 3025 (Part 21)
270	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water, Treated Effluent	Turbidity	IS 3025 (Part 10)