National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY CONTROL LABORATORY, INDIAN OIL CORPORATION LIMITED, PARADIP REFINERY, PARADIP REFINERY, VIA KUJANG, JHIMANI, PARADIP, JAGATSINGHPUR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7180
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Validity	09/12/2022 to 08/12/2024
Last Amended on	16/12/2022

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- ATMOSPHERIC POLLUTION	Ambient Air Quality	Ammonia	Indophenol blue method, NAAQS , Vol-1
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Arsenic (As)	NAAQS , Vol-1, by ICPMS/AAS
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Benzene	IS 5182 (Part 11)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Benzo Pyrene	IS 5182 (Part 12)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Carbon Mono oxide (CO)	IS 5182 (Part 10)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Lead (Pb)	NAAQS , Vol-1, by ICPMS/AAS
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Nickel (Ni)	NAAQS , Vol-1, by ICPMS/AAS
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	NO2	IS 5182 (Part 06)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Ozone	IS 5182 (Part 09)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	PM 2.5	IS 5182 (Part 24)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	PM10	IS 5182 (Part 23)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Sulphur Dioxide	IS 5182 : Part 2
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Acidity (Inorganic)	ASTM D974
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Acidity (Inorganic)	IP 139
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Acidity (Inorganic)	IS 1448 (Part 2)
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Acidity (Total)	ASTM D664
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Acidity (Total)	IS 1448 (Part 2)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Appearance	IS 1460 Visual

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Ash	ASTM D482
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Ash	IS 1448 (Part 4)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	ASTM Colour	ASTM D6045
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Calorific Value	IS 1448 (Part 7)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Carbon Residue (Micro Method)	ASTM D4530
24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cetane Index	ASTM D4737
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cetane Index	ISO 4264
26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cetane Number	ASTM D613
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cetane Number	IS 1448 (Part 9)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cetane Number	ISO 5165
29	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cloud Point	ASTM D2500
30	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cold Filter Plugging Point	ASTM D6371
31	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cold Filter Plugging Point	IP 309
32	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Cold Filter Plugging Point	IS 1448 (Part 110)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Copper Strip Corrosion for 3 h at 50 °C	ASTM D130
34	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Copper Strip Corrosion for 3 h at 50 °C	IS 1448 (Part 15)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Density at 15 °C	ASTM D1298
36	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Density at 15 °C	ASTM D4052
37	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Density at 15 °C	ISO 12185

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Density at 15°C	IS 1448 (Part 16)
39	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Density at 15°C/60°F	IS 1448 (Part 16)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	ASTM D86
41	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	IS 1448 (Part 18)
42	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 05% Vol	ASTM D86
43	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 05% Vol	IS 1448 (Part 18)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 10% Vol	ASTM D86
45	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 10% Vol	IS 1448 (Part 18)
46	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 30% Vol	ASTM D86
47	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 30% Vol	IS 1448 (Part 18)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 50% Vol	ASTM D86
49	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 50% Vol	IS 1448 (Part 18)
50	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 70% Vol	ASTM D86
51	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 70% Vol	IS 1448 (Part 18)
52	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 90% Vol	ASTM D86
53	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 90% Vol	IS 1448 (Part 18)
54	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 95% Vol	ASTM D86
55	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: 95% Vol	IS 1448 (Part 18)

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56	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	ASTM D86
57	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	IS 1448 (Part 18)
58	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Recovery at 360°C	ASTM D86
59	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Recovery at 360°C	IS 1448 (Part 18)
60	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Residue	ASTM D86
61	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Distillation at Atmospheric Pressure: Residue	IS 1448 (Part 18)
62	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Flash Point (PMCC)	ASTM D93
63	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Flash Point (PMCC)	IS 1448 (Part 21)
64	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Flash Point, (Abel)	IP 170
65	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Flash Point, (Abel)	IS 1448 (Part 20)
66	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Flash Point, (Abel)	ISO 13736
67	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Gross/Higher heating/Calorific Value	ASTM D240
68	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Gross/Higher Heating/Calorific Value	IS 1448 (Part 6)
69	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Hydrogen Content	ASTM D5291
70	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's Variants	Hydrogen Sulfide	ASTM D7621
71	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's Variants	Hydrogen Sulfide	IP 570
72	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Kinematic Viscosity at 40 °C	ASTM D445
73	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Kinematic Viscosity at 40 °C	IS 1448 (Part 25)

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74	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR) Method	IS 1448 (Part 149)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR) Method	ASTM D6079
76	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR) Method	ISO 12156
77	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Metals: Calcium (as Ca)	Agilent application note 5991-3264EN
78	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Metals: Lead (as Pb)	Agilent application note 5991-3264EN
79	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Metals: Potassium (as K)	Agilent application note 5991-3264EN
80	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Metals: Vanadium (as V)	Agilent application note 5991-3264EN
81	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Oxidation Stability	ASTM D2274
82	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Oxidation Stability	IS 1448 (Part 154)
83	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Oxidation Stability	ISO 12205
84	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Particulate Contamination	ASTM D6217
85	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Poly Aromatic Hydrocarbons (PAH)	ASTM D6591
86	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Poly Aromatic Hydrocarbons (PAH)	EN 12916
87	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Poly Aromatic Hydrocarbons (PAH)	IP 391
88	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Pour Point	ASTM D5950
89	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Pour Point	ASTM D97
90	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Pour Point	IS 1448 (Part 10)
91	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Ramsbottom Carbon Residue (on 10% residue)	ASTM D524

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92	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Ramsbottom Carbon Residue (on 10% residue)	IS 1448 (Part 8)
93	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Relative Density at 15°C/60°F	ASTM D1298
94	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Relative Density at 15°C/60°F	ASTM D4052
95	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Relative Density at 15°C/60°F	ISO 12185
96	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Sodium (as Na)	Agilent application note 5991-3264EN:
97	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Total Contaminations	EN 12662
98	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Total Contaminations	IP 440
99	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Total Sulphur	ASTM D2622
100	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Total Sulphur	ASTM D4294
101	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Total Sulphur	ASTM D5453
102	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Water and Sediment	ASTM D2709
103	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Water Content	ASTM D6304
104	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's variants	Water Content	ISO 12937
105	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel and it's Variants	Water Separability / Demulsification at 25°C	ASTM D1401
106	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet A-1	Specific Energy	ASTM D3338
107	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Acidity	ASTM D3242
108	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Acidity	IS 1448 (Part 113)
109	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Aniline Point	ASTM D611
110	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Aniline Point	IS 1448 (Part 3)

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111	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Aromatics	ASTM D1319
112	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Aromatics	IS 1448 (Part 23)
113	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Colour (Saybolt)	ASTM D6045
114	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Copper Strip Corrosion for 2h at 100 °C	ASTM D130
115	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Copper Strip Corrosion for 2h at 100 °C	IS 1448 (Part 15)
116	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Density at 15°C	ASTM D1298
117	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Density at 15°C	ASTM D4052
118	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Density at 15°C	IS 1448 (Part 16)
119	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Density at 15°C	ISO 12185
120	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : Initial Boiling Point (IBP)	ASTM D86
121	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure :Initial Boiling Point (IBP)	IS 1448 (Part 18)
122	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 05% Vol	ASTM D86
123	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 05% Vol	IS 1448 (Part 18)
124	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 10% Vol	ASTM D86
125	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 10% Vol	IS 1448 (Part 18)
126	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 30% Vol	ASTM D86
127	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 30% Vol	IS 1448 (Part 18)
128	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 50% Vol	ASTM D86

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129	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 50% Vol	IS 1448 (Part 18)
130	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 70% Vol	ASTM D86
131	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 70% Vol	IS 1448 (Part 18)
132	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 90% Vol	ASTM D86
133	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 90% Vol	IS 1448 (Part 18)
134	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 95% Vol	ASTM D86
135	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : 95% Vol	IS 1448 (Part 18)
136	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : Final Boiling Point (FBP)	ASTM D86
137	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure : Final Boiling Point (FBP)	IS 1448 (Part 18)
138	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure: Loss % vol	ASTM D86
139	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure: Loss % vol	IS 1448 (Part 18)
140	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure: Residue % vol	ASTM D86
141	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Distillation at Atmospheric Pressure: Residue % vol	IS 1448 (Part 18)
142	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Doctor Test	ASTM D4952
143	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Doctor Test	IS 1448 (Part 19)
144	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Electrical Conductivity	ASTM D2624
145	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Electrical Conductivity	IP 274
146	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Electrical Conductivity	ISO 6297

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147	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Existent Gum	ASTM D381
148	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Existent Gum	IS 1448 (Part 29)
149	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Flash Point, (Abel)	IP 170
150	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Flash Point, (Abel)	IS 1448 (Part 20)
151	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Flash Point, (Abel)	ISO 13736
152	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Freezing Point	ASTM D2386
153	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Freezing Point	ASTM D7153
154	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Freezing Point	IS 1448 (Part 11)
155	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Kinematic Viscosity at (-)20 °C	ASTM D445
156	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Kinematic Viscosity at (-)20 °C	IS 1448 (Part 25)
157	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Kinematic Viscosity at (-)20 °C	ISO 3104
158	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE)	ASTM D5001
159	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Naphthalenes	ASTM D1840
160	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Naphthalenes	IS 1448 (Part 118)
161	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 04µm	IP 565
162	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 06µm	IP 565

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163	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 14µm	IP 565
164	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 21µm	IP 565
165	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 25µm	IP 565
166	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : Channel Counts 30µm	IP 565
167	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 04µm	IP 565
168	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 06µm	IP 565
169	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 14µm	IP 565
170	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 21µm	IP 565
171	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 25µm	IP 565
172	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate at the point of manufacture, cumulative channel particle counts : ISO Code 30µm	IP 565
173	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate Contamination	ASTM D5452

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174	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Particulate Contamination	IP 423
175	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Silver Strip Corrosion for 4h at 50°C	IP 227
176	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Silver Strip Corrosion for 4h at 50°C	IS 1571 Annex B
177	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Smoke Point	ASTM D1322
178	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Smoke Point	IP 598
179	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Smoke Point	IS 1448 (Part 31)
180	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Smoke Point	ISO 3014
181	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Sulphur Mercaptan	ASTM D3227
182	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Sulphur Mercaptan	IS 1448 (Part 109)
183	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Tube Rating Visual	ISO 6249
184	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Filter Pressure Differential	IS 1448 (Part 97)
185	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Filter Pressure Differential	ISO 6249
186	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Filter Pressure Differential	ASTM D3241
187	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Filter Pressure Differential	IP 323
188	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Tube Rating Visual	ASTM D3241
189	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Tube Rating Visual	IP 323

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190	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Thermal Oxidation Stability, JFTOT at 260°C: Tube Rating Visual	IS 1448 (Part 97)
191	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Total Aromatics	ASTM D6379
192	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Total sulphur	ASTM D2622
193	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Total Sulphur	ASTM D4294
194	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Total sulphur	ISO 8754
195	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Visual appearance	IS 1571 Annex D
196	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Water reaction, Interface Rating	ASTM D1094
197	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Water reaction, Interface Rating	IS 1448 (Part 42)
198	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Water Separation Characteristics Micro-Separometer rating (MSEP)	ASTM D3948
199	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuels, Kerosene Type, Jet. A-1	Water Separation Characteristics Micro-Separometer rating (MSEP)	IS 1448 (Part 142)
200	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Acid Number	ASTM D664
201	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist): 05% Recovery	ASTM D7169
202	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist): 10% Recovery	ASTM D7169
203	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist): 50% Recovery	ASTM D7169
204	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist): 90% Recovery	ASTM D7169
205	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist): 95% Recovery	ASTM D7169
206	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Boiling Point Distribution by GC (SimDist):% Recovery at 36°C	ASTM D7169
207	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density at 15°C	ASTM D1298

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208	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Density at 15°C	IS 1448 (Part 16)
209	CHEMICAL- PETROLEUM AND PRODUCTS	Crude oil	Organic Chloride	ASTM D4929 Method B
210	CHEMICAL- PETROLEUM AND PRODUCTS	Crude oil	Reid vapour pressure	ASTM D323
211	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Reid vapour pressure	IS 1448 (Part 39)
212	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Salt Content	ASTM D3230
213	CHEMICAL- PETROLEUM AND PRODUCTS	Crude oil	Sediment	ASTM D473
214	CHEMICAL- PETROLEUM AND PRODUCTS	Crude oil	Sediment	IS 1448 (Part 30)
215	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Total Sulphur	ASTM D4294
216	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Total Sulphur	ISO 8754
217	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water and Sediment	ASTM D4007
218	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water and Sediment	IS 1448 (Part 41)
219	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water Content	ASTM D4006
220	CHEMICAL- PETROLEUM AND PRODUCTS	Crude Oil	Water Content	IS 1448 (Part 40)
221	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Acidity (Inorganic)	ASTM D974
222	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Acidity (Inorganic)	IP 139
223	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Ash	ASTM D482
224	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Ash	IS 1448 (Part 4)
225	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Carbon Reside (Conradson)	ASTM D189
226	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Carbon Reside (Conradson)	IS 1448 (Part 122)

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227	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Carbon Residue (Micro Method)	ASTM D4530
228	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Carbon Residue (Micro Method)	ISO 10370
229	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Density at 15 °C	IS 1448 (Part 16)
230	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Density at 15°C	ASTM D1298
231	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Flash Point (PMCC)	ASTM D93
232	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Flash Point (PMCC)	IS 1448 (Part 21)
233	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Flash Point (PMCC)	ISO 2719
234	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Gross Calorific Value	ASTM D240
235	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Gross Calorific Value	IS 1448 (Part 6)
236	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Kinematic Viscosity at 100 °C	ASTM D445
237	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Kinematic Viscosity at 100 °C	IS 1448 (Part 25)
238	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Kinematic Viscosity at 50 °C	ASTM D445
239	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Kinematic Viscosity at 50 °C	IS 1448 (Part 25)
240	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Kinematic Viscosity at 50 °C	ISO 3104
241	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Pour Point	ASTM D97
242	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Pour Point	IS 1448 (Part 10)
243	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Relative Density at 15°C/60°F	ASTM D1298
244	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Relative Density at 15°C/60°F	IS 1448 (Part 16)
245	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Sediment by Extraction	ASTM D473

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246	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Sediment by Extraction	IS 1448 (Part 30)
247	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Total Sulphur	ASTM D4294
248	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Total Sulphur	ISO 8754
249	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Water Content	ASTM D95
250	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Water Content	ASTM E203
251	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Water Content	IS 1448 (Part 40)
252	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil and Its variants	Water Content	ISO 3733
253	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Acidity (Inorganic)	ASTM D974
254	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and it's Variants	Recovery at 200°C	ASTM D86
255	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and it's Variants	Recovery at 200°C	IS 1448 (Part 18)
256	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and it's Variants	Silver Strip Corrosion	IP 277
257	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Acidity (Total)	ASTM D664
258	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Acidity (Total)	IS 1448 (Part 2)
259	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Appearance	IS 1459 Visual
260	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Burning test - Bloom on glass chimney	ASTM D187
261	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Burning test - Bloom on glass chimney	IS 1448 (Part 5)
262	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Burning test - Char value	ASTM D187
263	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Burning test - Char value	IS 1448 (Part 5)
264	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Colour (Saybolt)	ASTM D6045

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265	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Copper Strip Corrosion for 3h at 50°C	ASTM D130
266	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Copper Strip Corrosion for 3h at 50°C	IS 1448 (Part 15)
267	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Density at 15°C	ASTM D1298
268	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Density at 15°C	ASTM D4052
269	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Density at 15°C	IS 1448 (Part 16)
270	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Density at 15°C	ISO 12185
271	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	ASTM D86
272	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	IS 1448 (Part 18)
273	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 05% Vol	ASTM D86
274	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 05% Vol	IS 1448 (Part 18)
275	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 10% Vol	ASTM D86
276	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 10% Vol	IS 1448 (Part 18)
277	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 30% Vol	ASTM D86
278	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 30% Vol	IS 1448 (Part 18)
279	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 50% Vol	ASTM D86
280	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 50% Vol	IS 1448 (Part 18)
281	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 70% Vol	ASTM D86
282	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 70% Vol	IS 1448 (Part 18)

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283	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 90% Vol	ASTM D86
284	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: 90% Vol	IS 1448 (Part 18)
285	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	ASTM D86
286	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	IS 1448 (Part 18)
287	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Residue	ASTM D86
288	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Distillation at Atmospheric Pressure: Residue	IS 1448 (Part 18)
289	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Flash Point, (Abel)	IP 170
290	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Flash Point, (Abel)	IS 1448 (Part 20)
291	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Flash Point, (Abel)	ISO 13736
292	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Relative Density at 15°C/60°F	ASTM D1298
293	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Relative Density at 15°C/60°F	IS 1448 (Part 16)
294	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Smoke Point	ASTM D1322
295	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Smoke Point	IP 598
296	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Smoke Point	IS 1448 (Part 31)
297	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and its variants	Smoke Point	ISO 3014
298	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Total Sulphur	ASTM D2622
299	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Total Sulphur	ASTM D4294
300	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene and Its variants	Total Sulphur	ISO 8754

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301	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: C2 hydrocarbons	IS 1448 (Part 151)
302	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: C3 hydrocarbons	IS 1448 (Part 151)
303	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: C4 hydrocarbons	IS 1448 (Part 151)
304	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: C5 hydrocarbons	IS 1448 (Part 151)
305	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Caustic test	IS 4576
306	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: C6+ hydrocarbons	IS 1448 (Part 151)
307	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: Ethane	IS 1448 (Part 151)
308	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: Ethylene	UOP 539
309	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: i-Butane	IS 1448 (Part 151)
310	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: i-Pentane	IS 1448 (Part 151)
311	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: n-Butane	IS 1448 (Part 151)
312	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: n-Pentane	IS 1448 (Part 151)
313	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: Propane	IS 1448 (Part 151)
314	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Composition: Propylene	IS 1448 (Part 151)
315	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Copper strip corrosion at 37.8°C for 1 h	ASTM D1838
316	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Copper strip corrosion at 40°C for 1 h	IS 1448 (Part 152)
317	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Copper strip corrosion at 40°C for 1 h	ISO 6251
318	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Density at 15°C	ASTM D1657
319	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Density at 15°C	IP 432

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, INDIAN OIL CORPORATION LIMITED, PARADIP REFINERY, PARADIP REFINERY, VIA KUJANG, JHIMANI, PARADIP, JAGATSINGHPUR, ODISHA, INDIA

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320	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Density at 15°C	IS 1448 (Part 76)
321	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Free Water Content	ASTM D1657-Visual
322	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Free Water Content	IS 4576 (Note 9) /Visual
323	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Hydrogen Sulphide	ASTM D2420
324	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Hydrogen Sulphide	IS 1448 (Part 73)
325	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Total volatile sulphur	ASTM D6667
326	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Total volatile sulphur	ASTM D7551
327	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Vapour Pressure at 40°C	ASTM D1267
328	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Vapour Pressure at 40°C	IP 432
329	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Vapour Pressure at 40°C	IS 1448 (Part 71)
330	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Volatility	ASTM D1837
331	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and it's variants	Volatility	IS 1448 (Part 72)
332	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases and its variants	Ethylene	UOP 539
333	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Appearance	ASTM D4176
334	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Aromatics	ASTM D1319
335	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Aromatics	ASTM D5580
336	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Aromatics	ASTM D6730
337	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Aromatics	ASTM D6839
338	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Aromatics	IS 1448 (Part 23)

SCOPE OF ACCREDITATION

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339	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Benzene	ASTM D3606
340	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Benzene	ASTM D5580
341	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Benzene	ASTM D6730
342	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Benzene	ASTM D6839
343	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Colour	IS 2796 Visual
344	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Copper Strip Corrosion for 3h at 50 °C	ASTM D130
345	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Copper Strip Corrosion for 3h at 50 °C	IS 1448 (Part 15)
346	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Density at 15°C	ASTM D1298
347	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Density at 15°C	ASTM D4052
348	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Density at 15°C	IS 1448 (Part 16)
349	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Density at 15°C	ISO 12185
350	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Density at 15°C	ISO 3675
351	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	ASTM D86
352	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Initial Boiling Point (IBP)	IS 1448 (Part 18)
353	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 05% Vol	ASTM D86
354	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 05% Vol	IS 1448 (Part 18)
355	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 10% Vol	ASTM D86
356	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 10% Vol	IS 1448 (Part 18)

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Laboratory Name : QUALITY CONTROL LABORATORY, INDIAN OIL CORPORATION LIMITED, PARADIP REFINERY, PARADIP REFINERY, VIA KUJANG, JHIMANI, PARADIP, JAGATSINGHPUR, ODISHA, INDIA

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357	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 30% Vol	ASTM D86
358	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 30% Vol	IS 1448 (Part 18)
359	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 50% Vol	ASTM D86
360	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 50% Vol	IS 1448 (Part 18)
361	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 70% Vol	ASTM D86
362	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 70% Vol	IS 1448 (Part 18)
363	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 90% Vol	ASTM D86
364	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 90% Vol	IS 1448 (Part 18)
365	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 95% Vol	ASTM D86
366	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: 95% Vol	IS 1448 (Part 18)
367	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	ASTM D86
368	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Final Boiling Point (FBP)	IS 1448 (Part 18)
369	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 70°C	ASTM D86
370	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 70°C	IS 1448 (Part 18)
371	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 100°C	ASTM D86
372	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 100°C	IS 1448 (Part 18)

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373	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 150°C	ASTM D86
374	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Percent Evaporated at 150°C	IS 1448 (Part 18)
375	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Residue	ASTM D86
376	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Distillation at Atmospheric Pressure: Residue	IS 1448 (Part 18)
377	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Doctor Test	ASTM D4952
378	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Doctor Test	IS 1448 (Part 19)
379	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Existent Gum	ASTM D381
380	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Existent Gum	IS 1448 (Part 29)
381	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Lead Content as Pb	ASTM D5059
382	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Motor Octane Number (MON)	ASTM D2700
383	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Motor Octane Number (MON)	IS 1448 (Part 26)
384	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Olefins	ASTM D1319
385	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Olefins	ASTM D6730
386	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Olefins	ASTM D6839
387	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Olefins	IS 1448 (Part 23)
388	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Oxidation stability	ASTM D525
389	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Oxidation stability	IS 1448 (Part 28)
390	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Oxygen content	ASTM D4815

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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
391	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Oxygenates -Alcohols	ASTM D4815
392	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Oxygenates -Ethers	ASTM D4815
393	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Reid Vapour Pressure	ASTM D323
394	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Reid Vapour Pressure	IS 1448 (Part 39)
395	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Relative Density at 15°C/60°F	ASTM D1298
396	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Relative Density at 15°C/60°F	IS 1448 (Part 16)
397	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Research Octane Number (RON)	ASTM D2699
398	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Research Octane Number (RON)	IS 1448 (Part 27)
399	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Sulphur Mercaptan	ASTM D3227
400	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Sulphur Mercaptan	IS 1448 (Part 109)
401	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Total Sulphur	ASTM D2622
402	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Total Sulphur	ASTM D5453
403	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Total Sulphur	ISO 20846
404	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Vapor Pressure	ASTM D5191
405	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and it's variants	Vapour lock index (VLI)	IS 2796 Calculation
406	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and its variants	Manganese content	ASTM D383
407	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and its variants	Phosphorus content	ASTM D3231
408	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and its variants	Phosphorus content	IP 501
409	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and its variants	Potassium content	IP 456

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410	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline and its variants	Potential gum (washed)	ASTM D373
411	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's Variants	Appearance	ASTM D4176
412	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Aromatics	ASTM D5580
413	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Aromatics	ASTM D6730
414	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Aromatics	ASTM D6839
415	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Benzene	ASTM D3606
416	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Benzene	ASTM D5580
417	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Benzene	ASTM D6839
418	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Carbon Hydrogen Ratio	Calculation
419	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Colour (Saybolt)	ASTM D6045
420	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Copper Strip Corrosion	ASTM D130
421	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Copper Strip Corrosion	IS 1448 (Part 15)
422	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Density at 15°C	ASTM D1298
423	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Density at 15°C	ASTM D4052
424	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Density at 15°C	IS 1448 (Part 16)
425	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Density at 15°C	ISO 12185
426	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Initial Boiling Point (IBP)	ASTM D86
427	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Initial Boiling Point (IBP)	IS 1448 (Part 18)

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428	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 05% Vol	ASTM D86
429	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 05% Vol	IS 1448 (Part 18)
430	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 10% Vol	ASTM D86
431	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 10% Vol	IS 1448 (Part 18)
432	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 30% Vol	ASTM D86
433	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 30% Vol	IS 1448 (Part 18)
434	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 50% Vol	ASTM D86
435	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 50% Vol	IS 1448 (Part 18)
436	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 70% Vol	ASTM D86
437	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 70% Vol	IS 1448 (Part 18)
438	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 90% Vol	ASTM D86
439	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 90% Vol	IS 1448 (Part 18)
440	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 95% Vol	ASTM D86
441	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : 95% Vol	IS 1448 (Part 18)
442	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Final Boiling Point (FBP)	ASTM D86
443	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Final Boiling Point (FBP)	IS 1448 (Part 18)
444	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Residue	ASTM D86
445	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Distillation at Atmospheric Pressure : Residue	IS 1448 (Part 18)

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446	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Doctor Test	ASTM D4952
447	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Doctor Test	IS 1448 (Part 19)
448	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Existent Gum	ASTM D381
449	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Existent Gum	IS 1448 (Part 29)
450	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Gross Calorific Value	IS 1448 (Part 7)
451	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Heat of Combustion	ASTM D240
452	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Iron (as Fe)	ICP-MS: Agilent application note : 5991-3264EN
453	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Lead (as Pb)	ICP-MS: Agilent application note : 5991-3264EN
454	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Mercury	ICP-MS: Agilent application note : 5991-3264EN
455	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Mercury	UOP 938
456	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Nickel (as Ni)	ICP-MS: Agilent application note : 5991-3264EN
457	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Metals: Vanadium (as V)	ICP-MS: Agilent application note : 5991-3264EN
458	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and It's Variants	Naphthene Content	ASTM D6730
459	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's Variants	Net Calorific Value	IS 1448 (Part 7)
460	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Olefines	ASTM D6839
461	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Olefins	ASTM D6730
462	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Organic Chloride	ASTM D4929 Method B
463	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Oxygenates	UOP 960
464	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Reid Vapour Pressure	IS 1448 (Part 39)

SCOPE OF ACCREDITATION

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465	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Relative Density at 15°C/60°F	ASTM D1298
466	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Relative Density at 15°C/60°F	ASTM D4052
467	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Relative Density at 15°C/60°F	IS 1448 (Part 16)
468	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Relative Density at 15°C/60°F	ISO 12185
469	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's Variants	Research Octane Number (RON)	ASTM D2699
470	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's Variants	Research Octane Number (RON)	IS 1448 (Part 109)
471	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Sulphur Mercaptan	ASTM D3227
472	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Sulphur Mercaptan	IS 1448 (Part 109)
473	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Total Sulphur	ASTM D2622
474	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Total Sulphur	ASTM D5453
475	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Vapour Pressure	ASTM D5191
476	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and it's variants	Water / Moisture Content	ASTM D6304
477	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha and its variants	Total Nitrogen	ASTM D4629
478	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Volatile Matter	IS 1448 (Part 134)
479	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash	ASTM D7582
480	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash	ASTM D7582
481	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash	IS 1448 (Part 126)
482	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Ash	IS 1448 (Part 126)
483	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Calorific Value	ASTM D5865

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484	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Fixed carbon	ASTM D7582
485	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Fixed carbon	ASTM D7582
486	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Hard Groove Grindability Index	ASTM D409
487	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Hard Groove Grindability Index	IS 4433
488	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Iron as Fe	IS 1448 (Part 127)
489	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Iron as Fe	IS 1448 (Part 127)
490	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Nickel (as Ni)	ASTM D6357
491	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Nickel (as Ni)	ASTM D6357
492	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Nickel (as Ni)	IS 1448 (Part 128)
493	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Nickel (as Ni)	IS 1448 (Part 128)
494	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Silicon (as Si)	IS 1448 (Part 131)
495	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Silicon (as Si)	IS 1448 (Part 131)
496	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Vanadium (as V)	ASTM D6357
497	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Metals: Vanadium (as V)	ASTM D6357
498	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture	ASTM D7582
499	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture	ASTM D7582
500	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Moisture	IS 1448 (Part 132)
501	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Total Sulphur	ASTM D4239
502	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Total Sulphur	ASTM D4239

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503	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Coke	Volatile Matter	ASTM D7582
504	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: 1,3-Butadiene	MTM 15911E
505	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: 1-Butene	MTM 15911E
506	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Acetylene	MTM 15911E
507	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: cis-2-Butene	MTM 15911E
508	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Ethane	MTM 15911E
509	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Ethylene	MTM 15911E
510	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: i-Butane	MTM 15911E
511	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: i-Butylene	MTM 15911E
512	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: i-Pentane	MTM 15911E
513	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Methane	MTM 15911E
514	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Methylene Acetylene	MTM 15911E
515	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: n-Butane	MTM 15911E
516	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: n-Pentane	MTM 15911E
517	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Propadiene	MTM 15911E
518	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Propane	MTM 15911E
519	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Propylene Purity	MTM 15911E
520	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: t-2-Butene	MTM 15911E
521	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Composition: Vinyl Acetylene	MTM 15911E

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522	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Acidity as H2SO4	IS 6655
523	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Ash	IS 6655
524	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Carbon	IS 6655
525	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Chlorides	IS 6655
526	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Colour	IS 6655
527	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Metals: Arsenic (as As)	ICP MS
528	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Metals: Selenium (as Se)	ICP MS
529	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Metals: Tellurium (as Te)	ICP MS
530	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Moisture	IS 6555
531	CHEMICAL- PETROLEUM AND PRODUCTS	Sulphur	Purity	IS 6655
532	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Ammonia (total ammonia-N)	APHA 4500 NH3 (B, F) 23rd Ed
533	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Ammonia (Total ammonia-N)	ASTM D1426
534	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Ammonia (total ammonia-N)	IS 3025 (Part 34)
535	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Benzene	APHA 6200 (B) 23rd Ed
536	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Benzene	USEPA 8260C using capillary column and MSD with purge and trap device (USEPA 5030C)
537	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Benzo Pyrene	APHA 6440 (B) 23rd Ed
538	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Biochemical Oxygen Demand (BOD)	APHA 5210 D 23rd Ed
539	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)

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540	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chemical Oxygen Demand (COD)	APHA 5220 (B) 23rd Ed
541	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
542	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chromium as Cr (VI)	APHA 3500 Cr (B) 23rd Ed
543	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chromium as Cr (VI)	IS 3025 (Part 52)
544	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Copper (as Cu)	APHA 3030 E & 3111 (B) 23rd Ed
545	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Copper (as Cu)	APHA 3125 (B) 23rd Ed
546	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Copper (as Cu)	IS 3025 (Part 65)
547	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Cyanide (CN)	APHA 4500 CN, 23rd Ed
548	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Lead (as Pb)	APHA 3030 E & 3111 (B) 23rd Ed
549	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Lead (as Pb)	APHA 3125 (B) 23rd Ed
550	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Lead (as Pb)	IS 3025 (Part 65)
551	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Mercury (as Hg)	APHA 3112 (B) 23rd Ed
552	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Mercury (as Hg)	IS 3025 (Part 65)
553	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Nickel (as Ni)	APHA 3030 E & 3111 (B) 23rd Ed
554	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Nickel (as Ni)	APHA 3125 (B) 23rd Ed
555	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Nickel (as Ni)	IS 3025 (Part 65)
556	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Oil & Grease	APHA 5520 D 23rd Ed
557	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Oil & Grease	IS 3025 (Part 39)
558	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	pH	APHA 4500 H+ (B) 23rd Ed

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559	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	pH	IS 3025 (Part 11)
560	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Phenolic Compounds (as C6H5OH)	IS 3025 (Part 43)
561	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Phenolic Compounds (as C6H5OH)	APHA 5530 B,C&D 23rd Ed
562	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Sulphide (as H2S)	APHA 4500 S-2 F 23rd Ed
563	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Sulphide (as H2S)	IS 3025 (Part 29)
564	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Chromium (as Cr)	APHA 3030 E & 3111 (B) 23rd Ed
565	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Chromium (as Cr)	APHA 3125 (B) 23rd Ed
566	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Chromium (as Cr)	IS 3025 (Part 65)
567	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Kjeldahl Nitrogen (TKN)	APHA 4500 N org (B) 23rd Ed
568	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Kjeldahl Nitrogen (TKN)	ASTM D3590
569	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Phosphorous (as P)	APHA 4500 P (D) 23rd Ed
570	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Phosphorous (as P)	IS 3025 (Part 31)
571	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Suspended Solids	APHA 2540 (D) 23rd Ed
572	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Suspended Solids	IS 3025 (Part 17)
573	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Vanadium (as V)	APHA 3111 (B&D) 23rd Ed
574	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Vanadium (as V)	APHA 3125 (B) 23rd Ed
575	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Vanadium (as V)	IS 3025 (Part 65)
576	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Zinc (as Zn)	APHA 3030 E & 3111 (B) 23rd Ed.
577	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Zinc (as Zn)	APHA 3125 (B) 23rd Ed

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578	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Zinc (as Zn)	IS 3025 (Part 65)
579	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium (as Cr)	IS 3025 (Part 65)
580	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium (as Ba)	APHA 3125 (B) 23rd Ed.
581	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium (as Ba)	IS 3025 (Part 65)
582	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (as Cd)	APHA 3125 (B) 23rd Ed.
583	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (as Cd)	IS 3025 (Part 65)
584	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	APHA 3030 E & 3111 (B) 23rd Ed
585	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	APHA 3125 (B) 23rd Ed
586	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper (as Cu)	IS 3025 (Part 65)
587	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
588	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 65)
589	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	APHA 3030 E & 3111 (B) 23rd Ed
590	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	APHA 3125 (B) 23rd Ed
591	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (as Pb)	IS 3025 (Part 65)
592	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	APHA 3125 (B) 23rd Ed
593	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese (as Mn)	IS 3025 (Part 65)
594	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (as Hg)	APHA 3112 (B) 23rd Ed
595	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury (as Hg)	IS 3025 (Part 65)
596	CHEMICAL- RESIDUES IN WATER	Drinking Water	Molybdenum (as Mo)	APHA 3125 (B) 23rd Ed

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597	CHEMICAL- RESIDUES IN WATER	Drinking Water	Molybdenum (as Mo)	IS 3025 (Part 65)
598	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	APHA 3030 E & 3111 (B) 23rd Ed
599	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	APHA 3125 (B) 23rd Ed
600	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (as Ni)	IS 3025 (Part 65)
601	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (as Se)	APHA 3125 (B) 23rd Ed:
602	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium (as Se)	IS 3025 (Part 65)
603	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver (as Ag)	APHA 3111 (B&D) 23rd Ed:
604	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver (as Ag)	IS 3025 (Part 65)
605	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Arsenic (as As)	APHA 3125 (B) 23rd Ed
606	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Arsenic(as As)	IS 3025 (Part 65)
607	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium (as Cr)	APHA 3030 E & 3111 (B) 23rd Ed
608	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium (as Cr)	APHA 3125 (B) 23rd Ed
609	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	APHA 3030 E & 3111B 23rd Ed
610	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	APHA 3125 (B) 23rd Ed
611	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (as Zn)	IS 3025 (Part 65)
612	CHEMICAL- RESIDUES IN WATER	Ground Water	Benzene	APHA 6200 (B) 23rd Ed
613	CHEMICAL- RESIDUES IN WATER	Ground Water	Benzene	USEPA 8260C using capillary column and MSD with purge and trap device (USEPA 5030C)
614	CHEMICAL- RESIDUES IN WATER	Ground Water	Benzo Pyrene	APHA 6440 (B) 23rd Ed

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615	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium as Cr (VI)	APHA 3500 Cr (B) 23rd Ed
616	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (as Cu)	APHA 3125 (B) 23rd Ed.
617	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (as Cu)	IS 3025 (Part 65)
618	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper (Cu)	APHA 3030 E & 3111 (B) 23rd Ed.
619	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	APHA 3030 E & 3111 (B) 23rd Ed.
620	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	APHA 3125 (B) 23rd Ed.
621	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (as Pb)	IS 3025 (Part 65)
622	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (as Hg)	APHA 3112 (B) 23rd Ed.
623	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (as Hg)	IS 3025 (Part 65)
624	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	APHA 3030 E & 3111 (B) 23rd Ed.
625	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	APHA 3125 (B) 23rd Ed.
626	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (as Ni)	IS 3025 (Part 65)
627	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Chromium (as Cr)	APHA 3030 E & 3111 (B) 23rd Ed.
628	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Chromium (as Cr)	APHA 3125 (B) 23rd Ed.
629	CHEMICAL- RESIDUES IN WATER	Ground water	Total Chromium (as Cr)	IS 3025 (Part 65)
630	CHEMICAL- RESIDUES IN WATER	Ground Water	Vanadium (as V)	APHA 3111 (B&D) 23rd Ed
631	CHEMICAL- RESIDUES IN WATER	Ground Water	Vanadium (as V)	APHA 3125 (B) 23rd Ed
632	CHEMICAL- RESIDUES IN WATER	Ground Water	Vanadium (as V)	IS 3025 (Part 65)
633	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (as Zn)	APHA 3030 E & 3111 (B) 23rd Ed.

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634	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (as Zn)	APHA 3125 (B) 23rd Ed.
635	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (as Zn)	IS 3025 (Part 65)
636	CHEMICAL- RESIDUES IN WATER	Ground Water/ Industrial Water	Chromium as Cr (VI)	IS 3025 (Part 52)
637	CHEMICAL- RESIDUES IN WATER	Industrial Water	Benzene	APHA 6200 (B) 23rd Ed.
638	CHEMICAL- RESIDUES IN WATER	Industrial Water	Benzene	USEPA 8260C using capillary column and MSD with purge and trap device (USEPA 5030C)
639	CHEMICAL- RESIDUES IN WATER	Industrial Water	Benzo Pyrene	APHA 6440 (B) 23rd Ed.
640	CHEMICAL- RESIDUES IN WATER	Industrial Water	Chromium as Cr (VI)	APHA 3500 Cr (B) 23rd Ed
641	CHEMICAL- RESIDUES IN WATER	Industrial Water	Copper (as Cu)	APHA 3030 E & 3111 (B) 23rd Ed.
642	CHEMICAL- RESIDUES IN WATER	Industrial Water	Copper (as Cu)	APHA 3125 (B) 23rd Ed.
643	CHEMICAL- RESIDUES IN WATER	Industrial Water	Copper (as Cu)	IS 3025 (Part 65)
644	CHEMICAL- RESIDUES IN WATER	Industrial Water	Iron (as Fe)	IS 3025 (Part 53)
645	CHEMICAL- RESIDUES IN WATER	Industrial Water	Iron (as Fe)	IS 3025 (Part 65)
646	CHEMICAL- RESIDUES IN WATER	Industrial Water	Lead (as Pb)	APHA 3030 E & 3111 (B) 23rd Ed.
647	CHEMICAL- RESIDUES IN WATER	Industrial Water	Lead (as Pb)	APHA 3125 (B) 23rd Ed.
648	CHEMICAL- RESIDUES IN WATER	Industrial Water	Lead (as Pb)	IS 2025 (Part 65)
649	CHEMICAL- RESIDUES IN WATER	Industrial Water	Mercury (as Hg)	APHA 3112 (B) 23rd Ed.
650	CHEMICAL- RESIDUES IN WATER	Industrial Water	Mercury (as Hg)	IS 3025 (Part 65)
651	CHEMICAL- RESIDUES IN WATER	Industrial Water	Nickel (as Ni)	APHA 3030 E & 3111 (B) 23rd Ed.

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652	CHEMICAL- RESIDUES IN WATER	Industrial Water	Nickel (as Ni)	APHA 3125 (B) 23rd Ed.
653	CHEMICAL- RESIDUES IN WATER	Industrial Water	Nickel (as Ni)	IS 3025 (Part 65)
654	CHEMICAL- RESIDUES IN WATER	Industrial Water	Total Chromium (as Cr)	APHA 3030 E & 3111 (B) 23rd Ed.
655	CHEMICAL- RESIDUES IN WATER	Industrial Water	Total Chromium (as Cr)	APHA 3125 (B) 23rd Ed.
656	CHEMICAL- RESIDUES IN WATER	Industrial Water	Total Chromium (as Cr)	IS 3025 (Part 65)
657	CHEMICAL- RESIDUES IN WATER	Industrial Water	Vanadium (as V)	APHA 3111 (B&D) 23rd Ed.
658	CHEMICAL- RESIDUES IN WATER	Industrial Water	Vanadium (as V)	APHA 3125 (B) 23rd Ed.
659	CHEMICAL- RESIDUES IN WATER	Industrial Water	Vanadium (as V)	IS 3025 (Part 65)
660	CHEMICAL- RESIDUES IN WATER	Industrial Water	Zinc (as Zn)	APHA 3030 E & 3111 (B) 23rd Ed.
661	CHEMICAL- RESIDUES IN WATER	Industrial Water	Zinc (as Zn)	APHA 3125 (B) 23rd Ed.
662	CHEMICAL- RESIDUES IN WATER	Industrial Water	Zinc (as Zn)	IS 3025 (Part 65)
663	CHEMICAL- WATER	Drinking Water	Ammonia (total ammonia-N)	APHA 4500 NH3 (B, F) 23rd Ed
664	CHEMICAL- WATER	Drinking Water	Ammonia (Total ammonia-N)	ASTM D1426
665	CHEMICAL- WATER	Drinking Water	Ammonia (Total ammonia-N)	IS 3025 (Part 34)
666	CHEMICAL- WATER	Drinking Water	Mineral Oil	APHA 5520 D 23rd Ed
667	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
668	CHEMICAL- WATER	Drinking Water	Sulphide (as H2S)	APHA 4500 S-2 F 23rd Ed
669	CHEMICAL- WATER	Drinking Water	Aluminum (as Al)	IS 3025 (Part 55)
670	CHEMICAL- WATER	Drinking Water	Aluminum (as Al)	IS 3025 (Part 65)
671	CHEMICAL- WATER	Drinking Water	Boron (as B)	IS 3025 (Part 57) Curcumin Method
672	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA 3125 (B) 23rd Ed
673	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 65)
674	CHEMICAL- WATER	Drinking Water	Chlorides (as Cl)	APHA 4500 Cl (B, D) 23rd Ed

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Laboratory Name : QUALITY CONTROL LABORATORY, INDIAN OIL CORPORATION LIMITED, PARADIP REFINERY, PARADIP REFINERY, VIA KUJANG, JHIMANI, PARADIP, JAGATSINGHPUR, ODISHA, INDIA

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675	CHEMICAL- WATER	Drinking Water	Chlorides (as Cl)	IS 3025 (Part 32)
676	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
677	CHEMICAL- WATER	Drinking Water	Fluorides (as F)	APHA 4110 B 23rd Edition (Ion Chromatography)
678	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
679	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 3125 (B) 23rd Ed.
680	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 65)
681	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS 3025 (Part 39)
682	CHEMICAL- WATER	Drinking Water	Nitrates (as NO3)	APHA 4110 B 23rd Ed (Ion Chromatography)
683	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
684	CHEMICAL- WATER	Drinking Water	pH	APHA 4500 H+ (B) 23rd Ed.
685	CHEMICAL- WATER	Drinking Water	Phenolic Compounds (as C6H5OH)	IS 3025 (Part 43)
686	CHEMICAL- WATER	Drinking Water	Sulphates (as SO4)	IS 3025 (Part 24)
687	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
688	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
689	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
690	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 (B) 23rd Ed
691	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
692	CHEMICAL- WATER	Drinking Water/	Sulphide (as H2S)	IS 3025 (Part 29)
693	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen (TKN)	APHA 4500 N org (B) 23rd Ed
694	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
695	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
696	CHEMICAL- WATER	Ground Water	Cyanide (CN)	APHA 4500 CN, 23rd Ed
697	CHEMICAL- WATER	Ground Water	Total Phosphorous (as P)	APHA 4500 P (D) 23rd Ed
698	CHEMICAL- WATER	Ground Water	Ammonia (Total ammonia-N)	APHA 4500 NH3 (B, F) 23rd Ed.
699	CHEMICAL- WATER	Ground Water	Ammonia (Total ammonia-N)	ASTM D 1426
700	CHEMICAL- WATER	Ground Water	Ammonia (Total Ammonia-N)	IS 3025 (Part 34)
701	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	APHA 5220 (B) 23rd Ed

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702	CHEMICAL- WATER	Ground Water	Conductivity	APHA 2510 23rd Ed
703	CHEMICAL- WATER	Ground Water	Conductivity	IS 3025 (Part 14)
704	CHEMICAL- WATER	Ground Water	Mineral Oil	APHA 5520 D 23rd Ed.
705	CHEMICAL- WATER	Ground Water	Mineral Oil	IS 3025 (Part 39)
706	CHEMICAL- WATER	Ground Water	pH	APHA 4500 H+ (B) 23rd Ed.
707	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
708	CHEMICAL- WATER	Ground Water	Phenolic Compounds (as C6H5OH)	IS 3025 (Part 43)
709	CHEMICAL- WATER	Ground Water	Sulphide (as H2S)	APHA 4500 S-2 F 23rd Ed.
710	CHEMICAL- WATER	Ground Water	Sulphide (as H2S)	IS 3025 (Part 29)
711	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
712	CHEMICAL- WATER	Ground Water	Total Hardnessas CaCO3	IS 3025 (Part 21)
713	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen (TKN)	ASTM D3590
714	CHEMICAL- WATER	Ground Water	Total Phosphorous (as P)	IS 3025 (Part 31)
715	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130 (B) 23rd Ed.
716	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
717	CHEMICAL- WATER	Industrial Water	Ammonia (Total ammonia)	ASTM D 1426
718	CHEMICAL- WATER	Industrial Water	Ammonia (Total ammonia-N)	APHA 4500 NH3 (B, F) 23rd Ed.
719	CHEMICAL- WATER	Industrial Water	Ammonia (Total ammonia-N)	IS 3025 (Part 34)
720	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
721	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
722	CHEMICAL- WATER	Industrial Water	Chlorides (as Cl)	APHA 4500 Cl (B,D) 23rd Ed.
723	CHEMICAL- WATER	Industrial Water	Chlorides (as Cl)	IS 3025 (Part 32)
724	CHEMICAL- WATER	Industrial Water	Conductivity	APHA 2510 23rd Ed.
725	CHEMICAL- WATER	Industrial Water	Conductivity	IS 3025 (Part 14)
726	CHEMICAL- WATER	Industrial Water	Cyanide (CN)	APHA 4500 CN 23rd Ed.
727	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part 38)
728	CHEMICAL- WATER	Industrial Water	Mineral Oil	APHA 5520 D 23rd Ed.
729	CHEMICAL- WATER	Industrial Water	Mineral Oil	IS 3025 (Part 39)
730	CHEMICAL- WATER	Industrial Water	pH	APHA 4500 H+ (B) 23rd Ed.

SCOPE OF ACCREDITATION

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731	CHEMICAL- WATER	Industrial Water	pH	IS 3025 (Part 11)
732	CHEMICAL- WATER	Industrial Water	Potassium (as K)	IS 3025 (Part 65)
733	CHEMICAL- WATER	Industrial Water	Silica as SiO2	APHA 4500 SiO2 (C) 23rd Ed
734	CHEMICAL- WATER	Industrial Water	Silica as SiO2	IS 3025 (Part 35)
735	CHEMICAL- WATER	Industrial Water	Sodium (as Na)	IS 3025 (Part 65)
736	CHEMICAL- WATER	Industrial Water	Sulphide (as H2S)	APHA 4500 S-2 F 23rd Ed.
737	CHEMICAL- WATER	Industrial Water	Sulphide (as H2S)	IS 3025 (Part 29)
738	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025 (Part 23)
739	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part 16)
740	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	IS 3025 (Part 21)
741	CHEMICAL- WATER	Industrial Water	Total Phosphorous (as P)	APHA 4500 P (D) 23rd Ed.
742	CHEMICAL- WATER	Industrial Water	Total Phosphorous (as P)	IS 3025 (Part 31)
743	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 2130 (B) 23rd Ed.
744	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
745	CHEMICAL- WATER	Industrial Watere	Chemical Oxygen Demand (COD)	APHA 5220 (B) 23rd Ed.