National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MADURAI LABORATORY, INDIAN OIL CORPORATION LIMITED, MADURAI TERMINAL, NO.159-160, SIDCO INDUSTRIAL ESTATE, KAPPALUR, MADURAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 31/03/2023 to 30/03/2025 **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	Motor Gasoline	Distillation E100°C	IS 1448 (Part 18)
2	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-Final Boiling Point	IS 1448 (Part 18)
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ASTM D4737
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Colour	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion Test	ASTM D130
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion Test	IS 1448 (Part 15)
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Digital Density Meter	ASTM D4052
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	ASTM D1298
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density by Hydrometer	IS 1448 (Part 16)
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 10% Recovery	ASTM D86 (Auto Method)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 10% Recovery	ASTM D86(Manual Method)
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 10% Recovery	IS 1448 (Part 18) (Auto Method)
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 10% Recovery	IS 1448 (Part 18) (Manual Method)
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 50% Recovery	ASTM D86 (Auto Method)
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 50% Recovery	ASTM D86 (Manual Method)
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 50% Recovery	IS 1448 (Part 18) (Auto Method)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 50% Recovery	IS 1448 (Part 18) (Manual Method)

SCOPE OF ACCREDITATION

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 90% Recovery	ASTM D86 (Auto Method)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 90% Recovery	ASTM D86 (Manual Method)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 90% Recovery	IS 1448 (Part 18) (Auto Method)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 90% Recovery	IS 1448 (Part 18) (Manual Method)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 95% Recovery	ASTM D86 (Auto Method)
24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 95% Recovery	ASTM D86 (Manual Method)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 95% Recovery	IS 1448 (Part 18) (Auto Method)
26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation- Temperature @ 95% Recovery	IS 1448 (Part 18) (Manual Method)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IP 170 (Auto Method)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS 1448 (Part 20) B
29	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	ASTM D445
30	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	ASTM D7042 (Auto Method)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity @ 40°C	IS 1448 (Part 25) Sec 1
32	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IP 15
33	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS 1448 (Part 10) Sec 2 (Manual Method)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D5453
35	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Ash Content	ASTM D482
36	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Ash Content	IS 1448 (Part 4)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Ash Content	ISO 6245

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Calorific Value	ASTM D4868
39	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Calorific Value	IS 1448 (Part 7)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	CCAI (Calculated Carbon Aromaticity Index)	ISO 8217 Annexure F
41	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Density by Hydrometer	ASTM D1298
42	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Density by Hydrometer	IS 1448 (Part 16)
43	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Density by Hydrometer	ISO 3675
44	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Flash Point by PMCC	ASTM D93
45	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Flash Point by PMCC	IS 1448 (Part 21)
46	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Flash Point by PMCC	ISO 2719
47	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Kinematic Viscosity @ 50° C	ASTM D455
48	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Kinematic Viscosity @ 50° C	IS 1448 (Part 25)
49	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Kinematic Viscosity @ 50°C	ISO 3104
50	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Pour Point	ASTM D97
51	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Pour Point	IS 1448 (Part 10)
52	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Pour Point	ISO 3016
53	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Sediments by Extraction	ASTM D473
54	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Sediments by Extraction	IS 1448 (Part 30)
55	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Total Sulphur	ASTM D4294
56	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Water Content by Dean & Stark method	ASTM D95

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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
57	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Water Content by Dean & Stark method	IS 1448 (Part 40)
58	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil Regular	Water Content by Dean & Stark method	ISO 3733
59	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
60	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour (Saybolt)	IS 1448 (Part 14)
61	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
62	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion Test	ASTM D130
63	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion Test	IS 1448 (Part 15)
64	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Digital Density Meter	ASTM D4052
65	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	ASTM D1298
66	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density by Hydrometer	IS 1448 (Part 16)
67	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation - Final Boiling Point	ASTM D86 (Auto Method)
68	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation - Final Boiling Point	IS 1448 (Part 18) (Manual Method)
69	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Recovery @200°C	ASTM D86 (Auto Method)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Recovery @200°C	ASTM D86 (Manual Method)
71	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Recovery @200°C	IS 1448 (Part 18) (Automatic Method)
72	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Recovery @200°C	IS 1448 (Part 18) (Manual Method)
73	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation-Final Boiling Point	ASTM D86 (Manual Method)
74	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation-Final Boiling Point	IS 1448 (Part 18) (Automatic Method)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IP 170 (Auto Method)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS 1448 (Part 20) B (Manual Method)
77	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ASTM D1322 (Manual Method)
78	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448 (Part 31) (Manual Method)
79	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D4294
80	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D5453
81	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation- Initial boiling point (Manual Method)	ASTM D86
82	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Appearance (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
83	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Ash Content	IS 1448 (Part 4)
84	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Calculated Cetane Index	ASTM D4737
85	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Colour (ASTM)	ASTM D1500
86	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Colour (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
87	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Copper Strip Corrosion Test	ASTM D130
88	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Copper Strip Corrosion Test	IS 1448 (Part 15)
89	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Density by Digital Density Meter	ASTM D 4052
90	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Density by Hydrometer	IS 1448 (Part 16)
91	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation- Final boiling point (Manual Method)	ASTM D86
92	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation- Initial boiling point (Automatic Method)	ASTM D86
93	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation- Residue & Loss	IS 1448 (Part 18) (Automatic Method)
94	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Final Boiling Point	IS 1448 (Part 18) (Automatic Method)

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95	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Final Boiling Point (Automatic Method)	ASTM D86
96	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Initial Boiling Point	IS 1448 (Part 18) (Automatic Method)
97	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @10% Recovery	IS 1448 (Part 18) (Automatic Method)
98	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @10% Recovery (Automatic Method)	ASTM D86
99	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @10% Recovery (Manual Method)	ASTM D86
100	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @50% Recovery (Automatic Method)	ASTM D86
101	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @50% Recovery (Manual Method)	ASTM D86
102	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @50% Recovery (Manual Method)	ASTM D86
103	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @90% Recovery	IS 1448 (Part 18) (Automatic Method)
104	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @90% Recovery (Automatic Method)	ASTM D86
105	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @90% Recovery (Manual Method)	ASTM D86
106	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @95% Recovery	IS 1448 (Part 18) (Automatic Method)
107	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @95% Recovery (Automatic Method)	ASTM D86
108	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Distillation-Temperature @95% Recovery (Manual Method)	ASTM D86
109	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Flash Point (PMCC), Manual	IS 1448 (Part 21)
110	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Kinematic Viscosity @40°C (Automatic Method)	ASTM D 7042
111	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Kinematic Viscosity @40°C (Manual Method)	ASTM D445
112	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Kinematic Viscosity @40°C (Manual Method)	IS 1448 (Part 25) Sec 1
113	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Pour point	ASTM D97

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114	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Pour Point	IS 1448 (Part 10) Sec 2 (Manual)
115	CHEMICAL- PETROLEUM AND PRODUCTS	Low Sulphur High Flash HSD (MIL)	Total Sulphur by EDXRF	ASTM D4294
116	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Ash Content	ISO 6245
117	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Density by Hydrometer	ASTM D1298
118	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Kinematic Viscosity@ 50° C	ASTM D455
119	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Flash Point by PMCC	IS 1448 (Part 21)
120	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Pour Point	IS 1448 (Part 10)
121	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Water Content by Dean& Stark method	IS 1448 (Part 40)
122	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Ash Content	ASTM D482
123	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Ash Content	IS 1448 (Part 4)
124	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Calorific Value	ASTM D4868
125	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Calorific Value	IS 1448 (Part 7)
126	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	CCAI (Calculated Carbon Aromaticity Index)	ISO 8217 Annexure F
127	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Density by Hydrometer	IS 1448 (Part 16)
128	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Density by Hydrometer	ISO 3675
129	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Flash Point by PMCC	ASTM D93
130	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Flash Point by PMCC	ISO 2719
131	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Kinematic Viscosity@ 50° C	IS 1448 (Part 25)
132	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Pour Point	ASTM D97

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133	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Pour Point	ISO 3016
134	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Sediments by Extraction	ASTM D473
135	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Sediments by Extraction	IS 1448 (Part 30)
136	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Total Sulphur	ASTM D4294
137	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Water Content by Dean& Stark method	ASTM D95
138	CHEMICAL- PETROLEUM AND PRODUCTS	Marine Fuel 0.5% (FO)	Water Content by Dean& Stark method	ISO 3733
139	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
140	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour (Visual)	Work Instruction-Inhouse-WI-No.2 Issue No.2 Dt. 01.08.18
141	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Digital Density Meter	ASTM D4052
142	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Hydrometer	ASTM D1298
143	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density by Hydrometer	IS 1448 (Part 16)
144	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation - Final Boiling Point	IS 1448 (Part 18) (Automatic Method)
145	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation E100°C	IS 1448 (Part 18) (Automatic Method)
146	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- E100°C (Automatic Method)	ASTM D86
147	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation E150°C	IS 1448 (Part 18)
148	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation E150°C	IS 1448 (Part 18) (Automatic Method)
149	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- E150°C (Automatic Method)	ASTM D86
150	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- E150°C (Manual Method)	ASTM D86
151	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation E70°C	IS 1448 (Part 18)

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152	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation E70°C	IS 1448 (Part 18) (Automatic Method)
153	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- Final boiling point (Automatic Method)	ASTM D86
154	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- Final boiling point (Manual METHOD)	ASTM D86
155	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- Residue	ASTM D86 (Auto Method)
156	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- Residue	IS 1448 (Part 18)
157	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation- Residue	IS 1448 (Part 18) (Automatic Method)
158	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-E100°C (Manual Method)	ASTM D86
159	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-E70°C (Automatic method)	ASTM D86
160	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-E70°C (Manual Method)	ASTM D86
161	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-Residue	ASTM D86 (Manual Method)
162	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Existent Gum (Solvent Washed)	ASTM D 381
163	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Existent Gum (Solvent Washed)	IS 1448 (Part 29)
164	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur by UVFD method	IS 1448 (Part 15)