National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, BHARAT OMAN REFINERIES LIMITED, ADMINISTRATIVE BUILDING, REFINERY COMPLEX, BINA-ETAWA, SAGAR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COLOUR BY SAYBOLT CHROMOMETER	ASTM D-156
2	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COLOUR BY SAYBOLT CHROMOMETER	IS 1448: P-14
3	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COPPER STRIP CORROSION AT 100°C FOR 2 HRS.	ASTM D-130
4	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	COPPER STRIP CORROSION AT 100°C FOR 2 HRS.	IS 1448: P-15
5	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY@15 DEC C by DIGITAL DENSITY METER	ASTM D-4052
6	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY@15 DEG C DIGITAL DENSITY METER	ISO-12185
7	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY@15°C BY HYDROMETER	ASTM D-1298
8	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DENSITY@15°C BY HYDROMETER	IS 1448: P-16
9	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (10% RECOVERY TEMP.)	ASTM D-86
10	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (10% RECOVERY TEMP.)	IS 1448: P-18
11	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (50% RECOVERY TEMP.)	ASTM D-86
12	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (50% RECOVERY TEMP.)	IS 1448: P-18
13	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (90% RECOVERY TEMP.)	ASTM D-86
14	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION (90% RECOVERY TEMP.)	IS 1448: P-18
15	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION- FBP	ASTM D-86
16	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION- FBP	IS 1448: P-18
17	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION- IBP	IS 1448: P-18
18	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DISTILLATION-IBP	ASTM D-86

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	DOCTOR TEST	IS 1448:P-19
20	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	ELECTRICAL CONDUCTIVITY	ASTM D-2624
21	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	ELECTRICAL CONDUCTIVITY	IP-274
22	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	ELECTRICAL CONDUCTIVITY	ISO-6297
23	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	EXISTENT GUM	ASTM D-381
24	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	EXISTENT GUM	IS 1448: P-29
25	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	FLASH POINT BY ABEL	IP-170
26	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	FLASH POINT BY ABEL	IS 1448: P-20 B
27	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	FREEZING POINT	ASTM D-7153
28	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	KINEMATIC VISCOSITY AT -20°C	ASTM D-445
29	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	KINEMATIC VISCOSITY AT -20°C	IS 1448: P-25
30	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	LUBRICITY, WEAR SCAR DIAMETER (BOCLE)	ASTM D-5001
31	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	MERCAPTAN SULPHUR	ASTM D-3227
32	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	MERCAPTAN SULPHUR	IS 1448: P-109
33	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	NAPHTHALENE CONTENT	ASTM D-1840
34	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	NAPHTHALENE CONTENT	IS 1448: P-118
35	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE CONTAMINATION	ASTM D-5452
36	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=14µ)	IP-565

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37	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=21µ)	IP-565
38	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=25µ)	IP-565
39	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=30µ)	IP-565
40	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=4µ)	IP-565
41	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	PARTICULATE, CUMULATIVE CHANNEL PARTICLE COUNTS (=6µ)	IP-565
42	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SAYBOLT COLOUR	ASTM D-6045
43	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SILVER STRIP CORROSION	IP-227
44	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SMOKE POINT (AUTOMATIC)	ASTM D-1322
45	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SMOKE POINT (MANUAL)	IS 1448: P-31
46	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SMOKE POINT (MANUAL)	ISO-3014
47	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	SPECIFIC ENERGY	ASTM D-3338
48	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	THERMAL OXIDATION STABILITY-JFTOT AT CONTROL TEMPERATURE OF 260°C a)Filter Pressure differential b) Tube Rating	ISO-6249
49	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	THERMAL OXIDATION STABILITY-JFTOT AT CONTROL TEMPERATURE OF 260°C a)Filter Pressure differential (b) Tube rating	IS 1448: P-97
50	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL ACIDITY	ASTM D-3242
51	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL ACIDITY	IS 1448: P-113

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52	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL AROMATICS	ASTM D-6379
53	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL SULPHUR	ASTM D-2622
54	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	TOTAL SULPHUR	ASTM D-5453
55	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	WATER REACTION	ASTM D-1094
56	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	WATER REACTION	IS 1448: P-42
57	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	WATER SEPARATION CHARATERISTICS-MSEP	ASTM D-3948
58	CHEMICAL- PETROLEUM AND PRODUCTS	AVIATION TURBINE FUEL	WATER SEPARATION CHARATERISTICS-MSEP	IS 1448: P-142
59	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	ACIDITY (TOTAL / IN-ORGANIC)	ASTM D-974
60	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	ACIDITY (TOTAL / IN-ORGANIC)	IS 1448: P-2
61	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	ASH CONTENT	ASTM D-482
62	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	ASH CONTENT	IS 1448: P-4
63	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	CARBON RESIDUE BY RAMSBOTTOM	ASTM D-524
64	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	CARBON RESIDUE BY RAMSBOTTOM	IS 1448: P-8
65	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	CETANE INDEX	ISO-4264
66	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	COLD FILTER PLUGGING POINT (CFPP)	ASTM D-6371
67	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS	ASTM D-130
68	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS	IS 1448: P-15
69	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	DENSITY @15°C BY DIGITAL DENSITY METER	ASTM D-4052
70	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	DENSITY @15°C BY HYDROMETER	ASTM D-1298

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71	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	DENSITY @15°C BY HYDROMETER	IS 1448: P-16
72	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	DISTILLATION (TEMP. AT 95% VOL. RECOVERY)	ASTM D-86
73	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	DISTILLATION (TEMP. AT 95% VOL. RECOVERY)	IS 1448: P-18
74	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	FLASH POINT, ABEL	IP-170
75	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	FLASH POINT, ABEL	IS 1448: P-20 B
76	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	KINEMATIC VISCOSITY AT 40°C	ASTM D-445
77	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	KINEMATIC VISCOSITY AT 40°C	IS 1448: P-25
78	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	LUBRICITY-HFRR	ASTM D-6079
79	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	LUBRICITY-HFRR	ISO-12156-1
80	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	POLY AROMATIC HYDROCARBON (DAH)	IP-391
81	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	POLY AROMATIC HYDROCARBONS (TAH)	IP-391
82	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	POUR POINT	ASTM D-5950
83	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	POUR POINT	IS 1448: P-10
84	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	TOTAL CONTAMINATION	EN: 12662
85	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	TOTAL CONTAMINATION	IP-440
86	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	TOTAL SULPHUR	ASTM D-5453
87	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL (HSD)	WATER CONTENT	ISO-12937
88	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	COMPOSITION, C4 HYDROCARBONS	ASTM D-2163
89	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	COMPOSITION, C5 HYDROCARBONS & HEAVIERS	ASTM D-2163

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90	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	COPOSITION, C2 HYDROCARBONS	ASTM D-2163
91	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	COPOSITION, C3 HYDROCARBONS	ASTM D-2163
92	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	COPPER STRIP CORROSION @40°C FOR 1 HR.	IS 1448: P-152
93	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	DENSITY OF LPG @15°C	IP-432
94	CHEMICAL- PETROLEUM AND PRODUCTS	LIQUEFIED PETROLEUM GAS (LPG)	VAPOUR PRESSURE @40°C	IP-432
95	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	AROMATIC CONTENT	ASTM D-6379
96	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	COPPER STRIP CORROSION @50°C FOR 3 HRS.	ASTM D-130
97	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	COPPER STRIP CORROSION @50°C FOR 3 HRS.	IS 1448: P-15
98	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DENSITY @15°C BY HYDROMETER	ASTM D-1298
99	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DENSITY @15°C BY HYDROMETER	IS 1448: P-16
100	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DENSITY@15°C BY DIGITAL DENSITY METER	ASTM D-4052
101	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DISTILLATION-FBP	ASTM D-86
102	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DISTILLATION-FBP	IS 1448: P-18
103	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DISTILLATION-IBP	ASTM D-86
104	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DISTILLATION-IBP	IS 1448: P-18
105	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	DOCTOR TEST	IS 1448: P-19
106	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	FLASH POINT, ABEL	IP-170
107	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	FLASH POINT, ABEL	IS 1448: P-20 B
108	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	MERCAPTAN SULPHUR	ASTM D-3227

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109	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	MERCAPTAN SULPHUR	IS 1448: P-109
110	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	RESIDUE ON EVAPORATION	ASTM D-381
111	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	RESIDUE ON EVAPORATION	IS 1448: P-29
112	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	SAYBOLT COLOUR	ASTM D-156
113	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	SAYBOLT COLOUR	ASTM D-6045
114	CHEMICAL- PETROLEUM AND PRODUCTS	MINERAL TURPENTILE OIL (MTO)	SAYBOLT COLOUR	IS 1448: P-14
115	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	AROMATIC CONTENT	ASTM D-6730
116	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	AROMATIC CONTENT	ASTM D-6839
117	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	BENZENE CONTENT	ASTM D-3606
118	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	BENZENE CONTENT	ASTM D-6730
119	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	ASTM D-130
120	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DENSITY@15°C BY DIGITAL DENSITY METER	ASTM D-4052
121	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DENSITY@15°C BY HYDROMETER	ASTM D-1298
122	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DENSITY@15°C BY HYDROMETER	IS 1448: P-16
123	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION- FBP	ASTM D-86
124	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION- FBP	IS 1448: P-18
125	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION- RECOVERY AT 70°C	ASTM D-86
126	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION- RECOVERY AT 70°C	IS 1448: P-18
127	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION-RECOVERY AT 100°C	ASTM D-86

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128	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION-RECOVERY AT 100°C	IS 1448: P-18
129	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION-RECOVERY AT 150°C	ASTM D-86
130	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	DISTILLATION-RECOVERY AT 150°C	IS 1448: P-18
131	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	GUM CONTENT	ASTM D-381
132	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	GUM CONTENT	IS 1448: P-29
133	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	OLEFIN CONTENT	ASTM D-6730
134	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	OLEFIN CONTENT	ASTM D-6839
135	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	OXIDATION STABILITY	ASTM D-525-12A
136	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	OXIDATION STABILITY	IS 1448: P-28
137	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	OXYGENATES (MTBE)	ASTM D-4815
138	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	REID VAPOUR PRESSURE - RVP	IS 1448: P-39
139	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	REID VAPOUR PRESSURE-RVP	ASTM D-323
140	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	RESEARCH OCTANE NUMBER-RON	IS 1448: P-27
141	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	RESEARCH OCTANE NUMBER-RON	ASTM D-2699
142	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	TOTAL SULPHUR	ASTM D-5453
143	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT (MS)	VAPOUR LOCK INDEX - VLI	IS: 2796
144	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR SPIRIT(MS)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	IS 1448: P-15
145	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	CALORIFIC VALUE	IS 1448: P-7
146	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	CARBON / HYDROGEN RATIO	IS 1448: P-7

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, BHARAT OMAN REFINERIES LIMITED, ADMINISTRATIVE BUILDING, REFINERY COMPLEX, BINA-ETAWA, SAGAR, MADHYA PRADESH, INDIA

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Validity 07/06/2022 to 06/06/2024 **Last Amended on** 28/06/2022

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
147	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	ASTM D-130
148	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	IS 1448: P-15
149	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DENSITY @15°C BY HYDROMETER	IS 1448: P-16
150	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DENSITY@15°C BY DIGITAL DENSITY METER	ASTM D-4052
151	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DENSITY@15°C BY HYDROMETER	ASTM D-1298
152	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION - FBP	ASTM D-86
153	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION - FBP	IS 1448: P-18
154	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION - IBP	ASTM D-86
155	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	DISTILLATION - IBP	IS 1448: P-18
156	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC-COMPOSITION, AROMATICS	ASTM D-6730
157	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC-COMPOSITION, ISO-PARAFFINS	ASTM D-6730
158	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC-COMPOSITION, NAPHTHENES	ASTM D-6730
159	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC-COMPOSITION, N-PARAFFINS	ASTM D-6730
160	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	GC-COMPOSITION, OLEFINS	ASTM D-6730
161	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	ISO-NORMAL PARAFFIN RATIO	ASTM D-6730
162	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	REID VAPOUR PRESSURE - RVP	ASTM D-323
163	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	REID VAPOUR PRESSURE-RVP	IS 1448: P-39
164	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	SAYBOLT COLOUR	ASTM D-156
165	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	SAYBOLT COLOUR	ASTM D-6045

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
166	CHEMICAL- PETROLEUM AND PRODUCTS	NAPHTHA	TOTAL SULPHUR	ASTM D-5453
167	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	ACIDITY (IN-ORGANIC)	ASTM D-974
168	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	ACIDITY (IN-ORGANIC)	IS 1448: P-2
169	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	ASTM D-130
170	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	COPPER STRIP CORROSION AT 50°C FOR 3 HRS.	IS 1448: P-15
171	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DENSITY @15°C BY HYDROMETER	ASTM D-1298
172	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DENSITY @15°C BY HYDROMETER	IS 1448: P-16
173	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DISTILLATION - FBP	ASTM D-86
174	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DISTILLATION - FBP	IS 1448: P-18
175	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DISTILLATION (RECOVERY BELOW 200°C)	ASTM D-86
176	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	DISTILLATION (RECOVERY BELOW 200°C)	IS 1448: P-18
177	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	FLASH POINT, ABEL	IP-170
178	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	SAYBOLT COLOUR	ASTM D-6045
179	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	SAYBOLT COLOUR	IS 1448: P-14
180	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	SMOKE POINT (AUTOMATIC)	ASTM D-1322
181	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	SMOKE POINT (MANUAL)	IS 1448: P-31
182	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	SMOKE POINT (MANUAL)	ISO-3014
183	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	TOTAL SULPHUR	ASTM D-2622
184	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL (SKO)	TOTAL SULPHUR	ASTM D-5453

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
185	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL(SKO)	DENSITY AT 15°C BY DIGITAL DENSITY METER	ASTM D-4052
186	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL(SKO)	FLASH POINT, ABEL	IS 1448: P-20 B
187	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL(SKO)	SAYBOLT COLOUR	ASTM D-156