National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD. QUALITY ASSURANCE LABORATORY BIJWASAN, BIJWASAN INSTALLATION, NEW DELHI, DELHI, 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- LUBRICANTS	Lubricating Grease	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
2	CHEMICAL- LUBRICANTS	Lubricating Grease	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
3	CHEMICAL- LUBRICANTS	Lubricating Grease	Consistency of lubricating Grease at 25 + 0.5°C,	ASTM D -217
4	CHEMICAL- LUBRICANTS	Lubricating Grease	Consistency of lubricating Grease at 25 +0.5°C,	IS:1448 (Part-60)
5	CHEMICAL- LUBRICANTS	Lubricating Grease	Drop Point	ASTM D-2265
6	CHEMICAL- LUBRICANTS	LUBRICATING OIL	Acid Number	ASTM D664
7	CHEMICAL- LUBRICANTS	Lubricating Oil	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
8	CHEMICAL- LUBRICANTS	Lubricating Oil	ASTM Colour by Automatic Tristimulus Method	ASTM D6045
9	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour ASTM	ASTM D-1500
10	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour ASTM	IS 1448(Part-12)
11	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
12	CHEMICAL- LUBRICANTS	Lubricating Oil	Crackle Test	SOP-10 Issue NO. 3 Issue Dt.01.11.2019
13	CHEMICAL- LUBRICANTS	Lubricating Oil	Cu Strip Corrosion	ASTM D-130
14	CHEMICAL- LUBRICANTS	Lubricating Oil	Cu Strip Corrosion	IS:1448(Part-15)
15	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	IS:1448(Part-16)
16	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	ASTM D-1298
17	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (COC)	IS:1448(Part-69)
18	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (COC)	ASTM D-92
19	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (PMCC)	ASTM D-93
20	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (PMCC)	IS:1448(Part-21)
21	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 100°C	ASTM D-445
22	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 100°C	ASTM D7042
23	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 100°C	IS 1448(Part-25)
24	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 40°C	ASTM D-445
25	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 40°C	ASTM D7042

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26	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity at 40°C	IS 1448(Part-25)
27	CHEMICAL- LUBRICANTS	Lubricating Oil	Pour Point	ASTM D-97
28	CHEMICAL- LUBRICANTS	Lubricating Oil	Pour Point	IS:1448(Part-10)
29	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	ASTM D:2896
30	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	IS:1448 (P-86)
31	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	ASTM D:2270
32	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	IS:1448(Part - 56)
33	CHEMICAL- LUBRICANTS	Lubricating Oil	Water Content	IS:1448(Part-40)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Distillation	IS:1448 (Part-18)
35	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Aniline Point for Aniline Gravity Product	IS 1448 P:3 Method 3
36	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Copper strip corrosion for 2h at 100 deg C	IS 1448 P:15
37	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Density at 15 deg C, Kg/m3	ASTM D1298
38	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Density at 15deg C, Kg/m3	IS 1448 P:16
39	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Distillation	IS 1448 P:18
40	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Existent Gum, mg/100ml	IS 1448 P:29
41	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS 100LL	Water Reaction	IS 1448 P:42
42	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS100LL	APPEARANCE	SOP 9 Issue No.03
43	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS100LL	Colour (Visual)	SOP-11 Issue No.3
44	CHEMICAL- PETROLEUM AND PRODUCTS	AVGAS100LL	Reid vapour pressure at 38°C,	IS 1448 (Part 39)
45	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Acidity, Total	ASTM D-3242
46	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Acidity, Total	IS:1448(Part-113)
47	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019

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48	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Aromatics	ASTM D 1319
49	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Aromatics	IS 1448 :P-23
50	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Colour Saybolt	ASTM D 156
51	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Colour Saybolt	IS:1448(Part-14)
52	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Cu Strip Corrosion 2 hours at 100°C	ASTM D 130
53	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Cu Strip Corrosion 2 hours at 100°C	IS 1448 P:15
54	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Density	ASTM D1298
55	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Density	IS:1448(Part-16)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Distillation	ASTM D-86
57	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Distillation	IS 1448(Part-18)
58	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Doctor Test	IS:1448(Part-19)
59	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Electrical conductivity	IP 274
60	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Electrical conductivity	ISO6297
61	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Existent Gum	ASTMD-381
62	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Existent Gum	IS:1448(Part-29)
63	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Flash Point (Abel)	IP 170
64	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Flash Point (Abel)	IS:1448(Part-20)
65	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Freezing Point	ASTM D 2386
66	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Freezing Point	IS:1448(Part-11)

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67	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Kinematic Viscosity at (-20)°C	ASTM D-445
68	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Kinematic Viscosity at (-20)°C	ASTM D7042
69	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Kinematic Viscosity at (-20)°C	IS:1448(Part-25)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Naphthalene	ASTM D-1840
71	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Naphthalene	IS:1448(Part-118)
72	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Saybolt Colour by Automatic Tristimulus Method	ASTM D6045
73	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Silver Strip Corrosion classification, for 4 hrs at 50°C	IS 1571 :2018 Annex B
74	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke point	ASTM D-1322
75	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke point	IP 598
76	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke Point	IS 1448 P:31
77	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke point	IS:1448(Part-31)
78	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke point	ISO 3014
79	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Specific Energy	ASTM D 3338
80	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur Mercaptan	ASTM D-3227
81	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur Mercaptan	IS:1448(Part-109)
82	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur, Total	ASTM D 4294
83	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur, Total	ASTM D 5453
84	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Water reaction (Interface rating)	IS:1448(Part-42)
85	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019

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86	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
87	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol Content % by Volume at 15.6/15.6°C	IS 15464(Annex -B)
88	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with Water	IS 15464 (Annexure-C)
89	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative Density at 15.6/15.6°C	IS 15464 Annexure-A
90	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
91	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
92	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Density	ASTM D1298
93	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Density	IS:1448 (Part-16)
94	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Flash Point (Pensky Marten)	ASTM D-93 Procedure -B
95	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Kinematic Viscosity, at 50°C	ASTM D 445
96	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Kinematic Viscosity, at 50°C	IS:1448(Part-25)
97	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Pour Point	ASTM D 97
98	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Pour Point	IS:1448(Part-10)
99	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Sediments	IS:1448(Part-30
100	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Sulphur, Total	ASTM 4294
101	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Water Content	IS:1448(Part-40)
102	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Calorific Value-Gross	IS:1448(Part-7)
103	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
104	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Density	ASTM D 1298

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105	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Density	IS:1448(Part-16)
106	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation	ASTM D -86
107	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation	IS 1448(Part:18)
108	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Non Volatile Residue	IS 3470-2017(Annexure -A)
109	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Saybolt Colour by Automatic Tristimulus Method	ASTM D6045
110	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
111	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Cetane Index, (Calculated)	ASTM D4737
112	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
113	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Cu Strip Corrosion 3 hours 50°C	ASTM D-130
114	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Cu Strip Corrosion 3 hours 50°C	IS:1448(P-15)
115	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Density	ASTM D1298
116	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Flash Point (Abel)	IS:1448(Part-20)
117	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Kinematic Viscosity, at 40°C	ASTM D 7042
118	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Kinematic Viscosity, at 40°C	ASTM D445
119	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Kinematic Viscosity, at 40°C	IS 1448(Part-25)
120	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Pour Point	ASTM D 97
121	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Pour Point	IS:1448(Part-10)
122	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Sulphur, Total	ISO 13032
123	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Sulphur, Total	ASTM D4294

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124	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Density	IS:1448(Part-16)
125	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Flash Point (Abel)	IP 170
126	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Distillation	ASTM D-86
127	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Distillation	IS 1448(Part-18)
128	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel (HSD)	Sulphur, Total	ASTM D-5453
129	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
130	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Saybolt	ASTM D 156
131	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Saybolt	IS:1448(Part-14)
132	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
133	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density	IS:1448 (Part-16)
134	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation :-Temperature	IS:1448 (Part-18)
135	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS:1448(Part-20)
136	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Sulphur, Total	ASTM 4294
137	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Cu Strip Corrosion 3 hours 50°C	ASTM D-130
138	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Cu Strip Corrosion 3 hours 50°C	IS 1448(Part-15)
139	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density	ASTM D1298
140	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IP 170
141	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Saybolt Colour by Automatic Tristimulus Method	ASTM D6045
142	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ASTM D-1322

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143	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IP 598
144	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS:1448(Part-31)
145	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ISO 3014
146	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Sulphur Total,	ASTM 5453
147	CHEMICAL- PETROLEUM AND PRODUCTS	Kersosene	Distillation -Temperature	ASTM D 86
148	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
149	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
150	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Cu Strip Corrosion 3 hours at 100°C	ASTM D-130
151	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Cu Strip Corrosion 3 hours at 100°C	IS:1448(P-15)
152	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Density	ASTM D1298
153	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Density	IS:1448 (Part-16)
154	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Flash Point (Pensky Marten)	IS:1448(Part-21)
155	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Flash Point (Pensky Marten)	ASTM (D-93)- Procedure A
156	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Kinematic Viscosity, at 40°C	IS:1448(Part-25)
157	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Kinematic Viscosity, at 40°C	ASTM D445
158	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Pour Point	ASTM D 97
159	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Sediments	IS:1448(Part-30)
160	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Sulphur, Total	ASTM 4294
161	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Water Content	ASTM D-95

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162	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Pour Point	IS:1448(Part-10)
163	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Water Content	IS:1448(Part-40)
164	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
165	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Aromatics	IS:1448(Part-23)
166	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Colour ,Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
167	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Cu Strip Corrosion 3 hours 50°C	ASTM D 130
168	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Cu Strip Corrosion 3 hours 50°C	IS:1448(Part-15)
169	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Density	ASTM D1298
170	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Density	IS:1448(Part-16)
171	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Distillation	ASTM D-86
172	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Distillation	IS 1448(Part-18)
173	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Ethanol Content	IS 2796 (Annexure C)
174	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Gum Content Solvent Wash	ASTMD 381
175	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Gum Content Solvent Wash	IS:1448(Part-29)
176	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Olefins Content	IS:1448(Part-23)
177	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Research Octane No.(RON)	ASTM D2699
178	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Research Octane No.(RON)	IS:1448(Part-27)
179	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Sulphur, Total	ISO 20847
180	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Sulphur, Total	ASTM D 5453

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD. QUALITY ASSURANCE LABORATORY BIJWASAN, BIJWASAN INSTALLATION, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6964 **Page No** 10 of 10

Validity 05/08/2022 to 04/08/2024 **Last Amended on** 14/10/2022

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
181	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline (MG)	Sulphur, Total	ISO 13032
182	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Appearance	SOP-9- Issue NO. 3 Issue Dt.01.11.2019
183	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Aromatics	IS:1448(Part-23)
184	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Colour Saybolt	IS:1448(Part-14)
185	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Colour Saybolt	ASTM D 156
186	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Colour Visual	SOP-11- Issue NO. 3 Issue Dt.01.11.2019
187	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Cu Strip Corrosion 3 hours 50°C	ASTM D-130
188	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Cu Strip Corrosion 3 hours 50°C	IS:1448(Part-15)
189	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Density	ASTM D1298
190	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Density	IS:1448 (Part-16)
191	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Distillation	IS 1448(Part-18)
192	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Distillation	ASTM D 86
193	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Flash Point (Abel)	IP 170
194	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Flash Point (Abel)	IS:1448(Part-20)
195	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent	Saybolt Colour by Automatic Tristimulus Method	ASTM D6045