National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 1 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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	Lubricants	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
2	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	ASTM D1500
3	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	IS1448 (Part 12)
4	CHEMICAL- LUBRICANTS	Lubricants	Colour, Visual	SOP 11 Issue No. 03 : Dt. 01.11.2019
5	CHEMICAL- LUBRICANTS	Lubricants	Crackle Test	SOP 10 Issue No. 03 : Dt. 01.11.2019
6	CHEMICAL- LUBRICANTS	Lubricants	Density	ASTM D1298
7	CHEMICAL- LUBRICANTS	Lubricants	Density	IS 1448 (Part 16)
8	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (COC)	ASTM D92
9	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (COC)	IS 1448 (Part 69)
10	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (PMCC)	ASTM D93
11	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (PMCC)	IS 1448 (Part 21)
12	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity at 100°C	IS 1448 (Part 25) Sec 1
13	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity at 40°C	IS 1448 (Part 25) Sec 1
14	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity, at 100°C	ASTM D445
15	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity, at 100°C	ASTM D7042
16	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity, at 40°C	ASTM D 7042
17	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity, at 40°C	ASTM D445
18	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	ASTM D97
19	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	IS 1448 (Part 10) Sec2
20	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index (Calculated)	ASTM D2270
21	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index (Calculated)	IS 1448 (Part 56)
22	CHEMICAL- LUBRICANTS	Lubricants	Water Content	ASTM D95
23	CHEMICAL- LUBRICANTS	Lubricants	Water Content	IS 1448 (Part 40)
24	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Kinematic Viscosity, at (-20)°C	ASTM D7042
25	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
26	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Aromatics	ASTM D1319

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 2 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
27	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Aromatics	IS 1448 (Part 23)
28	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Colour Saybolt	ASTM D156
29	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Colour Saybolt	IS 1448 (Part 14)
30	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Cu Strip Corrosion	ASTM D130
31	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Cu Strip Corrosion	IS 1448 (Part 15)
32	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Density	ASTM D1298
33	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Density	IS 1448 (Part 16)
34	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Distillation	ASTM D86
35	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Distillation	IS 1448 (Part 18)
36	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Doctor Test	IS 1448 (Part 19)
37	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Electrical conductivity	ASTM D2624
38	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Electrical conductivity	IP 274
39	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Electrical conductivity	ISO 6297
40	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Existent Gum	ASTM D381
41	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Existent Gum	IS 1448 (Part 29)
42	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Flash Point (Abel)	IP 170
43	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Flash Point (Abel)	IS 1448 (Part 20) / Method B
44	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Freezing Point	ASTM D2386
45	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Freezing Point	IS 1448 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 3 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
46	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Kinematic Viscosity, at (-20)°C	ASTM D445
47	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Kinematic Viscosity, at (-20)°C	IS 1448 (Part 25) / Sec 1
48	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Naphthalene	ASTM D1840
49	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Naphthalene	ASTM D1840
50	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Naphthalene	IS 1448 (Part 118)
51	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Silver Strip Corrosion	IS 1571/Annex B
52	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Smoke point	ASTM D1322 (Manual)
53	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Smoke Point	IP598 (Manual)
54	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Smoke Point	IS 1448 (Part 31)
55	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Smoke point	ISO 3014
56	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Specific Energy	ASTM D3338/D3338M
57	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Total Acidity	ASTM D3242
58	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Total Acidity	IS 1448 (Part 113)
59	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Total Sulphur	ASTM D4294
60	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Total Sulphur	ASTM D5453
61	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Water reaction : Interface rating	ASTM D1094
62	CHEMICAL- PETROLEUM AND PRODUCTS	ATF: Aviation Turbine Fuel: JET A-1	Water reaction : Interface rating	IS 1448 (Part 42)
63	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Acidity as CH3COOH	IS15464/Annexure-D
64	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Aldehyde Content (as CH3CHO)	IS15464/Annexure-E

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 4 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
65	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Alkalinity	IS15464/Annexure-D
66	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
67	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Colour visual	SOP 11 Issue No. 03 : Dt. 01.11.2019
68	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol content@ 15.6/15.6°C	IS15464/Annexure-B
69	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS15464/Annexure-J
70	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative density@ 15.6/15.6°C	IS15464/Annexure-A
71	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
72	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Colour, visual	SOP 11 Issue No. 03 : Dt. 01.11.2019
73	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Density	ASTM D1298
74	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Density	IS 1448 (Part 16)
75	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Flash Point (PMCC)	ASTM D93/Procedure-B
76	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Flash Point (PMCC)	IS 1448 (Part 21)
77	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Kinematic Viscosity, at 50°C	IS 1448 (Part 25) / Sec 1
78	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Kinematic Viscosity, at 50°C	ASTM D445
79	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Pour point	ASTM D97
80	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Pour point	IS 1448 (Part 10) / Sec2
81	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Total Sulphur	ASTM D4294
82	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Water content	ASTM D95
83	CHEMICAL- PETROLEUM AND PRODUCTS	FO: Furnace Oil: Fuel Oil	Water content	IS1448 (Part 40)

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 5 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
84	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Cetane Index, (Calculated)	ASTM D4737
85	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Appearance	SOP 09 Issue No.03: Dt. 01.11.2019
86	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Colour, Visual	SOP 11 Issue No.03: Dt. 01.11.2019
87	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Cu Strip Corrosion	IS 1448 (Part 15)
88	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Density	ASTM D1298
89	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Density	IS 1448 (Part 16)
90	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Distillation	ASTM D86
91	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Distillation	IS 1448 (Part 18)
92	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Flash Point (Abel)	IP 170
93	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Flash Point (Abel)	IS 1448 (Part 20) / Method B
94	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Flash Point (PMCC)	ASTM D93
95	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Flash Point (PMCC)	IS 1448 (Part 21)
96	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40°C	ASTM D445
97	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40°C	ASTM D7042
98	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40°C	IS 1448 (Part 25) / Sec 1
99	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Pour Point	ASTM D97
100	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Pour Point	IS 1448 (Part 10) / Sec 2
101	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Total Sulphur	ASTM D5453
102	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Appearance	SOP 09 Issue No. 03: 01.11.2019

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 6 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
103	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Aromatics	ASTM D1319
104	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Aromatics	IS 1448 (Part 23)
105	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Colour, Visual	SOP 11 Issue No. 03 : 01.11.2019
106	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Cu Strip Corrosion	IS 1448 (Part 15)
107	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Density	ASTM D1298
108	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Density	IS 1448 (Part 16)
109	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Distillation	ASTM D86
110	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Distillation	IS 1448 (Part 18)
111	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Ethanol Content in MS	IS 2796/Annexure C
112	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Gum content (Solvent Washed)	ASTM D381
113	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Gum Content (Solvent washed)	IS 1448 (Part 29)
114	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Olefins Content	ASTM D1319
115	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Olefins Content	IS 1448 (Part 23)
116	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Research Octane No. (RON)	ASTM D2699
117	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Research Octane No.(RON)	IS 1448 (Part 27)
118	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Total Sulphur	ASTM D5453
119	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Total Sulphur	ISO 20847
120	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
121	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Colour Saybolt	ASTM D156

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 7 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
122	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Colour Saybolt	IS1448 (Part 14)
123	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Cu Strip corrosion	IS 1448 (Part 15)
124	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Density	ASTM D1298
125	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Density	IS 1448 (Part 16)
126	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Distillation	ASTM D86
127	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Distillation	IS 1448 (Part 18)
128	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Flashpoint (Abel)	IP 170
129	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Flashpoint (Abel)	IS 1448 (Part 20) / Method B
130	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Smoke point	ASTM D1322 (Manual)
131	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Smoke point	IP 598 (Manual)
132	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Smoke point	IS 1448 (Part 31)
133	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Smoke point	ISO 3014
134	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oil	Total Sulphur	ASTM D4294
135	CHEMICAL- PETROLEUM AND PRODUCTS	SKO: Superior Kerosene Oill	Colour visual	SOP 11 Issue No. 03 : Dt. 01.11.2019
136	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Appearance	SOP 09 Issue No. 03 : Dt. 01.11.2019
137	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Aromatics	ASTM D1319
138	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Aromatics	IS 1448 (Part 23)
139	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Colour Saybolt	ASTM D 156
140	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Colour Saybolt	IS 1448 (Part 14)

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 8 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
141	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Colour, Visual	SOP 11 Issue No. 03 : Dt. 01.11.2019
142	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Cu Strip corrosion	IS 1448 (Part 15)
143	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Density	ASTM D1298
144	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Density	IS 1448 (Part 16)
145	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Distillation	ASTM D86
146	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Distillation	IS 1448 (Part 18)
147	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Flash Point(Abel)	IP 170
148	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents: MTO : Mineral Turpentine Oil	Flash Point(Abel)	IS 1448 (Part 20) / Method B

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QUALITY ASSURANCE LABORATORY, QUALITY ASSURANCE LABORATORY, DEVANAGONTHI, DEVANAGONTHI INSTALLATION, VIA KADUGODI, HOSKOTE TALUK, BENGALURU, BENGALURU RURAL, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7897 **Page No** 9 of 9

Validity 30/12/2022 to 29/12/2024 **Last Amended on** 06/01/2023

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
Mobile Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Appearance	SOP 09 Issue No.03: Dt. 01.11.2019
2	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Colour, Visual	SOP 11 Issue No.03: Dt. 01.11.2019
3	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Density	ASTM D1298
4	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Density	IS 1448 (Part 16)
5	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Distillation	IS 1448 (Part 18)
6	CHEMICAL- PETROLEUM AND PRODUCTS	HSD: High Speed Diesel: Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40°C	IS 1448 (Part 25) / Sec 1
7	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Appearance	SOP 09 Issue No. 03: 01.11.2019
8	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Colour, Visual	SOP 11 Issue No. 03 : 01.11.2019
9	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Density	ASTM D1298
10	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Density	IS 1448 (Part 16)
11	CHEMICAL- PETROLEUM AND PRODUCTS	MS: Motor Spirit: Motor Gasoline	Distillation	IS 1448 (Part 18)