National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LTD., QA LABORATORY, BHANUTI, KALPI ROAD ,PINKI, KANPUR, UTTAR 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- LUBRICANTS	Lubricants	Kinematic Viscosity at 100 °C	IS 1448 (P-25)
2	CHEMICAL- LUBRICANTS	Lubricants	Appearance	SOP 09 Issue NO. 3 Issue Dt. 01.06
3	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	ASTM D1500
4	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	IS 1448 (P-12)
5	CHEMICAL- LUBRICANTS	Lubricants	Colour Visual	SOP 11 Issue NO. 3 Issue Dt. 01.06
6	CHEMICAL- LUBRICANTS	Lubricants	Crackle Test	SOP 10 Issue NO.3 Issue Dt. 01.06
7	CHEMICAL- LUBRICANTS	Lubricants	Density	ASTM D1298
8	CHEMICAL- LUBRICANTS	Lubricants	Density	IS:1448 (P-16)
9	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (COC)	ASTM D92
10	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (COC)	IS:1448 (P-69)
11	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (PMCC)	ASTM D-93
12	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (PMCC)	IS 1448 (P-21)
13	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity at 100 °C	ASTM D7042
14	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity at 40 °C	ASTM 7042
15	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity at 40°C	IS 1448 (P-25)
16	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	ASTM D97
17	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	IS 1448 (P-10)
18	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index	ASTM D2270
19	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index	IS 1448 (P-56)
20	CHEMICAL- LUBRICANTS	Lubricants	Water Content	ASTM D95
21	CHEMICAL- LUBRICANTS	Lubricants	Water Content	IS 1448 (P-40)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Appearances	SOP 09 Issue NO. 3 Issue Dt. 01.06
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Cetane Index	ASTM D4737
24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Colour Visual	SOP 11 Issue NO. 3 Issue Dt. 01.06
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Copper Strip Corrosion	IS 1448 (P-15)

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26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Density	ASTM D1298
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Density	IS 1448 (P-16)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Distillation - 95 percent v/v, recovery	IS 1448 (P-18)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Distillation- 95 percent v/v, recovery	ASTM D86
30	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Kinematic Viscosity at 40°C	ASTM D7042
31	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Kinematic Viscosity at 40°C	IS:1448 (P-25)
32	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Pour Point	ASTM D97
33	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels / HSD	Pour Point	IS:1448 (P-10)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /HSD	Flash Point (Abel)	IP 170
35	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /HSD	Flash Point (Abel)	IS 1448 (P-20)
36	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /HSD	Sulphur, Total	ASTM D5453
37	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	SOP 09 Issue NO. 3 Issue Dt. 01.06
38	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Colour Visual	SOP 11 Issue NO. 3 Issue Dt. 01.06
39	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol Content % by Volume at 15.6/15.6°C	IS 15464 (Annex-B)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS 15464 (Annex -C)
41	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative Density at 15.6/15.6°C	IS 15464 (Annexure-A)
42	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	APPERANCE	SOP 09 Issue NO. 3 Issue Dt. 01.06
43	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	COLOUR SAYBOLT	IS 1448 (P-14)
44	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	COLOUR VISUAL	SOP 11 Issue NO. 3 Issue Dt. 01.06

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45	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	Copper Strip Corrosion	IS 1448 (P-15)
46	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	DISTILLATION - Final Boiling Point	ASTM D86
47	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	DISTILLATION - Final Boiling Point	IS1448 (P-18)
48	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	DISTILLATION -Percent Recovered below 200°C,	ASTM D86
49	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	DISTILLATION -Percent Recovered below 200°C,	IS1448 (P-18)
50	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	FLASH POINT (ABEL)	IP 170
51	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	FLASH POINT (ABEL)	IS1448 (P-20)
52	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	SMOKE POINT	IS 1448 (P-31)
53	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	SMOKE POINT	ISO 3014
54	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE /SKO	Total Sulphur	ASTM D5453
55	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE/ SKO	Density	ASTM D1298
56	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE/ SKO	Density	IS1448 (P-16)
57	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE/SKO	Total Sulphur	ASTM D5453
58	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	APPERANCE	SOP 09 Issue NO. 3 Issue Dt. 01.06
59	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Color Visual	SOP 11 Issue NO. 3 Issue Dt. 01.06
60	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Copper Strip Corrosion 3 hrs AT 50 Deg C	IS1448 (P-15)
61	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density	ASTM D1298
62	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density	IS 1448 (P-16)
63	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION Initial Boiling Point	ASTM D86

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64	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-Final boiling point	ASTM D86
65	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-Final boiling point	IS 1448 (P-18)
66	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-Initial Boiling Point	IS 1448 (P-18)
67	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 70°C	IS 1448 (P-18)
68	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 100°C	ASTM D86
69	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 150°C	ASTM D86
70	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 70°C	ASTM D86
71	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 100°C	IS 1448 (P-18)
72	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION-percent evaporated at 150°C	IS 1448 (P-18)
73	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Ethanol Content	IS 2796 (Annexure C)
74	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Gum Content (Solvent Washed)	IS1448 (P-29)
75	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Research Octane Number	ASTM D 2699
76	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Research Octane Number	IS 1448 (P-27)
77	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Total Sulphur	ASTM D5453
78	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Appearance	SOP 09 Issue NO. 3 Issue Dt. 01.06
79	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Colour , Visual	SOP 11 Issue NO. 3 Issue Dt. 01.06
80	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Colour Saybolt	IS 1448 (P-14)
81	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Copper Strip Corrosion	IS:1448 (P-15)
82	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Density	ASTM D1298

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83	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Density	IS:1448 (P-16)
84	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -50% Recovery	ASTM D86
85	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -50% Recovery	IS:1448 (P-18)
86	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -90% Recovery	ASTM D86
87	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -90% Recovery	IS:1448 (P-18)
88	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -Final Boiling Point	ASTM D86
89	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation -Final Boiling Point	IS:1448 (P-18)
90	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation- Initial Boiling Point	ASTM D86
91	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Distillation- Initial Boiling Point	IS:1448 (P-18)
92	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Flash Point (Abel)	IP 170
93	CHEMICAL- PETROLEUM AND PRODUCTS	Solvents /MTO	Flash Point (Abel)	IS 1448 (P-20)