National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LIMITED, QA LABORATORY, JALANDHAR TOP, SUCHIPIND, JALANDHAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 02/12/2022 to 01/12/2024 **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- LUBRICANTS	Lubricant oils	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
2	CHEMICAL- LUBRICANTS	Lubricant Oils	Colour ASTM	ASTM D1500-12
3	CHEMICAL- LUBRICANTS	Lubricant oils	Colour, ASTM	IS 1448 (Part 12)
4	CHEMICAL- LUBRICANTS	Lubricant Oils	Colour, Visual	SOP 11, Issue No. III, Issue Date:01.11.2019
5	CHEMICAL- LUBRICANTS	Lubricant Oils	Copper Strip Corrosion	IS 1448 (Part-15)
6	CHEMICAL- LUBRICANTS	Lubricant oils	Crackle Test	SOP 10, Issue No. III, Issue Date:01.11.2019
7	CHEMICAL- LUBRICANTS	Lubricant oils	Density	IS 1448 (Part-16)
8	CHEMICAL- LUBRICANTS	Lubricant oils	Flash Point (COC)	IS 1448 (Part 69)
9	CHEMICAL- LUBRICANTS	Lubricant oils	Flash Point (Pensky Marten Closed Cup)	IS 1448 (Part 21)
10	CHEMICAL- LUBRICANTS	Lubricant oils	Kinematic Viscosity at 100 °C	IS 1448 (Part 25/Sec 1)
11	CHEMICAL- LUBRICANTS	Lubricant oils	Kinematic Viscosity at 100°C	ASTM D7042
12	CHEMICAL- LUBRICANTS	Lubricant oils	Kinematic Viscosity at 40°C	ASTM D7042
13	CHEMICAL- LUBRICANTS	Lubricant oils	Kinematic Viscosity, at 40°C	IS 1448 (Part 25/Sec 1)
14	CHEMICAL- LUBRICANTS	Lubricant oils	Pour Point	IS 1448 (Part 10/Sec 2)
15	CHEMICAL- LUBRICANTS	Lubricant Oils	Viscosity Index	ASTM D2270-10
16	CHEMICAL- LUBRICANTS	Lubricant oils	Viscosity Index	IS 1448 (Part 56)
17	CHEMICAL- LUBRICANTS	Lubricant oils	Water Content	IS 1448 (Part 40)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cetane Index (Calculated)	ASTM D4737-10
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Colour, Visual	SOP 11, Issue No. III, Issue Date:01.11:2019
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion	IS 1448 (Part 15)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density at 15°C	IS 1448 (Part 16)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation: Boiling Range	ASTM D86

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24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation: Boiling Range	IS 1448 (Part 18)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IP 170
26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS 1448 (Part 20)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity, cSt at 40°C	ASTM D7042
28	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity, cSt at 40°C	IS 1448 (Part 25/Sec 1)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS 1448 (Part 10/Sec 2)
30	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D5453
31	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
32	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Colour (Visual)	SOP 11, Issue No. III, Issue Date:01.11:2019
33	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol Content at 15.6°C	IS 15464 (Annex B)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with Water	IS 15464 (Annex C)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative Density at 15.6°C	IS 15464 (Annex A)
36	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
37	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Colour (Visual)	SOP 11, Issue No. III, Issue Date:01.11.2019
38	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Density	IS 1448 (Part 16)
39	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation, % Volume Recovered	ASTM D86
40	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation, % Volume Recovered	IS 1448 (Part 18)
41	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation: Boiling Range	ASTM D86
42	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Distillation: Boiling Range	IS 1448 (Part 18)

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43	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane	Non Volatile Residue	IS 3470 (Annex A)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
45	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour	SOP 11, Issue No. III, Issue Date:01.11.2019
46	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Saybolt	IS 1448 (Part 14)
47	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion	IS 1448 (Part 15)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density at 15°C	IS 1448 (Part 16)
49	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation, % Volume Recovered	ASTM D86
50	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: % Volume Recovered	IS 1448 (Part 18)
51	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Boiling Range	ASTM D86
52	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Boiling Range	IS 1448 (Part 18)
53	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IP 170
54	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS 1448 (Part 20)
55	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448 (Part 31)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D4294
57	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D5453
58	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
59	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Aromatics	IS 1448 (Part 23)
60	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Colour Saybolt	IS 1448 (Part 14)
61	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Colour, Visual	SOP 11, Issue No. III, Issue Date:01.11:2019

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62	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Copper Strip Corrosion	IS 1448 (Part 15)
63	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Density at 15°C	IS 1448 (Part 16)
64	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Distillation: Boiling Range	ASTM D86
65	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Distillation: Boiling Range	IS 1448 (Part 18)
66	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Flash Point (Abel)	IP 170
67	CHEMICAL- PETROLEUM AND PRODUCTS	Mineral Turpentine oil	Flash Point (Abel)	IS 1448 (Part 20)
68	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	SOP 09, Issue No. III, Issue Date:01.11.2019
69	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Aromatics	IS 1448 (Part 23)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour,Visual	SOP 11, Issue No. III, Issue Date:01.11.2019
71	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	IS 1448 (Part 15)
72	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density at 15°C	IS 1448 (Part 16)
73	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, % Evaporated	ASTM D86
74	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, % Evaporated	IS 1448 (Part 18)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Boiling Range	IS 1448 (Part 18)
76	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation: Boiling Range	ASTM D86
77	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Ethanol Content	IS 2796 (Annexure C)
78	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum Content Solvent Wash	IS 1448 (Part 29)
79	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Olefin Content	IS 1448 (Part 23)
80	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Research Octane Number	IS 1448 (Part 27)

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81	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ASTM D5453