National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT PETROLEUM CORPORATION LIMITED, QUALITY ASSURANCE LABORATORY, PIYALA INSTALLATION, ASAUTI, BALLABGARH, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 29/05/2022 to 28/05/2024 **Last Amended on** 09/06/2022

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
Permanent Facility				
1	CHEMICAL- LUBRICANTS	LUBRICATING OIL	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
2	CHEMICAL- LUBRICANTS	LUBRICATING OIL	COLOUR ASTM	ASTM D 1500
3	CHEMICAL- LUBRICANTS	LUBRICATING OIL	COLOUR ASTM	IS 1448 :P 12
4	CHEMICAL- LUBRICANTS	LUBRICATING OIL	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
5	CHEMICAL- LUBRICANTS	LUBRICATING OIL	CRACKLE TEST	SOP-10 Issue No. 3 Issue Dt.01.11.2019
6	CHEMICAL- LUBRICANTS	LUBRICATING OIL	DENSITY	IS 1448 (P:16)
7	CHEMICAL- LUBRICANTS	LUBRICATING OIL	FLASH POINT (COC)	IS 1448 (P:69)
8	CHEMICAL- LUBRICANTS	LUBRICATING OIL	FLASH POINT (PMCC)	ASTM D 93
9	CHEMICAL- LUBRICANTS	LUBRICATING OIL	FLASH POINT (PMCC)	IS 1448 (P:21)
10	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY , AT 100 °C	ASTM D 445
11	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY , AT 100 °C	ASTM D 7042
12	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY , AT 100 °C	IS 1448 (P:25)
13	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY , AT 40 °C	ASTM D 445
14	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY , AT 40 °C	ASTM D 7042
15	CHEMICAL- LUBRICANTS	LUBRICATING OIL	KINEMATIC VISCOSITY ,AT 40 °C	IS 1448 (P: 25)
16	CHEMICAL- LUBRICANTS	LUBRICATING OIL	POUR POINT	ASTM D 97
17	CHEMICAL- LUBRICANTS	LUBRICATING OIL	POUR POINT	IS 1448 (P:10)
18	CHEMICAL- LUBRICANTS	LUBRICATING OIL	VISCOSITY INDEX	IS 1448 (P:56)
19	CHEMICAL- LUBRICANTS	LUBRICATING OIL	WATER CONTENT	IS 1448 (P:40)
20	CHEMICAL- LUBRICANTS	LUBRICATING OIL	WATER CONTENT	IS 1448 (P:40)
21	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
22	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019

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23	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ETHANOL CONTENT @ 15.6/15.6 °C	IS 15464
24	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	MISCIBILITY WITH WATER	IS 15464
25	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	RELATIVE DENSITY @ 15.6 /15.6 °C	is 15464
26	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
27	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
28	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	DENSITY	ASTM D 1298
29	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	DENSITY	IS 1448 (P:16)
30	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	FLASH POINT (PMCC)	ASTM D 93
31	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	FLASH POINT(PMCC)	IS 1448 :P 21
32	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	KINEMATIC VISCOSITY, AT 50 °C	IS 1448 (P:25)
33	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	POUR POINT	IS 1448 (P:10)
34	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	SEDIMENT	IS 1448 (P:30)
35	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	TOTAL SULPHUR	ASTM D 4294
36	CHEMICAL- PETROLEUM AND PRODUCTS	FUEL OIL	WATER CONTENT	IS 1448 (P:40)
37	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	WATER CONTETN	IS 1448 : P 40
38	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
39	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	CETANE INDEX	ASTM D 4737
40	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
41	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	Cu STRIP CORROSION	IS 1448 (P:15)

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42	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DENSITY	ASTM D 1298
43	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DENSITY	IS 1448 (P:16)
44	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DISTILLATION	ASTM D 86
45	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	DISTILLATION	IS 1448 (P:18)
46	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	FLASH POINT (ABEL)	IS 1448 (P:20)
47	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	FLASH POINT (ABEL)	ISO 13736
48	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	KINEMATIC VISCOSITY , AT 40 °C	ASTM D 445
49	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	KINEMATIC VISCOSITY , AT 40 °C	ASTM D 7042
50	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	KINEMATIC VISCOSITY, AT 40 °C	IS 1448 (P:25)
51	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	POUR POINT	ASTM D 97
52	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	POUR POINT	IS 1448 (P:10)
53	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL	TOTAL SULPHUR	ASTM D 5453
54	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
55	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	COLOUR SAYBOLT	ASTM D 156
56	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	COLOUR SAYBOLT	IS 1448 (P:14)
57	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
58	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	Cu STRIP CORROSION	IS 1448 (P:15)
59	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	DENSITY	ASTM D 1298
60	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	DENSITY	IS 1448 (P:16)

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61	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	DISTILLATION	ASTM D 86
62	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	DISTILLATION	IS 1448 (P:18)
63	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	FLASH POINT (ABEL)	IS 1448 (P:20)
64	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	FLASH POINT (ABEL)	ISO 13736
65	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	SMOKE POINT	IS 1448 (P:31)
66	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	SMOKE POINT	ISO 3014
67	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	SULPHUR CONTENT	ASTM D 5453
68	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	TOATL SULPHUR CONTENT	D 5453
69	CHEMICAL- PETROLEUM AND PRODUCTS	KEROSENE	TOTAL SULPHUR % , BY MASS	ASTM D 4294
70	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
71	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
72	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	Cu STRIP CORROSION	IS 1448 (P:15)
73	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	DENSITY	ASTM D 1298
74	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	DENSITY	IS 1448 (P:16)
75	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	FLASH POINT (PMCC)	ASTM D 93
76	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	FLASH POINT (PMCC)	IS 1448 (P:21)
77	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	KINEMATIC VISCOSITY, AT 40 °C	IS 1448 (P: 25)
78	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	POUR POINT	D 97
79	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	POUR POINT	IS 1448 (P:10)

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80	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	SEDIMENT	IS 1448 (P: 30)
81	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	TOTAL SULPHUR	ASTM D 4294
82	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	WATER CONTENT	IS 1448 (P:40)
83	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	WATER CONTENT	IS 1448: P 40
84	CHEMICAL- PETROLEUM AND PRODUCTS	LUBRICANTING OIL	DENSITY @15 °C	ASTM D 1298
85	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	APPEARANCE	SOP-9 (Visual) Issue No. 3 Issue Dt.01.11.2019
86	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	COLOUR VISUAL	SOP-11 (Visual) Issue No. 3 Issue Dt.01.11.2019
87	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Cu STRIP CORROSION	IS 1448 (P:15)
88	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density	ASTM D 1298
89	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	Density	IS 1448 (P:16)
90	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION	ASTM D 86
91	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	DISTILLATION	IS 1448 (P :18)
92	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	ETHANOL CONTENT	IS 2796:2017 (ANNEX C)
93	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	GUM CONTENT (SOLVENT WASHED)	ASTM D 381
94	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	GUM CONTENT SOLVENT WASH	IS 1448 (P:29)
95	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	RESEARCH OCTANE NO.	ASTM D 2699
96	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	RESEARCH OCTANE NO.	IS 1448 (P: 27)
97	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE	TOTAL SULPHUR	ASTM D 5453