National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BPCL, QUALITY ASSURANCE LABORATORY, MANGALORE, BHARAT PETROLEUM CORPORATION LIMITED, MANGALORE, DAKSHIN KANNAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8903 **Page No** 1 of 3

Validity 22/12/2022 to 21/12/2024 **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 9 – Issue No. I
2	CHEMICAL- LUBRICANTS	Lubricant Oils	Colour, ASTM	IS:1448(P-12) , ASTM D1500
3	CHEMICAL- LUBRICANTS	Lubricant Oils	Colour, Visual	SOP 11 – Issue No. I
4	CHEMICAL- LUBRICANTS	Lubricant Oils	Copper Strip Corrosion	IS:1448(P-15) , ASTM D130
5	CHEMICAL- LUBRICANTS	Lubricant Oils	Crackle Test	SOP 10 – Issue No. I
6	CHEMICAL- LUBRICANTS	Lubricant Oils	Density	IS:1448(P-16), ASTM D1298
7	CHEMICAL- LUBRICANTS	Lubricant Oils	Flash Point (Pensky Marten Closed Cup)	IS:1448(P-21) ASTM D93
8	CHEMICAL- LUBRICANTS	Lubricant Oils	Flash Point (COC)	IS:1448(P-69)
9	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity, at 100 °C	ASTM D7042
10	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity, at 100 °C	IS:1448(P-25) ASTM D445
11	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity, at 40 °C	ASTM D7042
12	CHEMICAL- LUBRICANTS	Lubricant Oils	Kinematic Viscosity, at 40 °C	IS:1448(P-25) ASTM D445
13	CHEMICAL- LUBRICANTS	Lubricant Oils	Pour Point	IS:1448(P-10) ,ASTM D97
14	CHEMICAL- LUBRICANTS	Lubricant Oils	Viscosity Index	IS:1448(P : 56)
15	CHEMICAL- LUBRICANTS	Lubricant Oils	Water Content	IS:1448(P-40) ASTM D95
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance	SOP 9 – Issue No. I
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cetane Index, (Calculated)	ASTM D4737
18	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Colour, Visual	SOP 11 – Issue No. I
19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Copper Strip Corrosion	IS:1448(P-15) ASTM D130
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density at 15 °C	IS:1448(P-16),ASTM D1298
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation: Boiling Range	IS:1448(P-18) ,ASTM D86
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Pensky Martens)	IS:1448(P-21),ASTM D93
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS:1448(P-20)

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Certificate Number TC-8903 **Page No** 2 of 3

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24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40 °C	ASTM D7042
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity, cSt, at 40 °C	IS:1448 (P-25), ASTM D445
26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS:1448(P-10)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur	ASTM D5453,ASTM D4294
28	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	SOP 9 – Issue No. I
29	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Saybolt	IS:1448(P-14), ASTM D156
30	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour, Visual	SOP 11 – Issue No. I
31	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Copper Strip Corrosion	IS:1448(P-15),ASTM D130
32	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density at 15 °C	S:1448(P-16),ASTM D1298
33	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: Boiling Range	IS:1448(P-18) , ASTM D86
34	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation: % Volume Recovered	IS:1448(P-18), ASTM D86
35	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS:1448(P-20),IP 170
36	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS:1448(P-31)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur	ASTM D4294
38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	SOP 9 – Issue No. I
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour, Visual	SOP 11 – Issue No. I
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	IS:1448(P-15) ,ASTM D130
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density at 15 °C	IS:1448(P-16) , ASTM D1298
42	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, % Volume Recovered	IS:1448(P-18)

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43	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, Boiling Range	IS:1448(P-18),ASTM D86
44	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Ethanol Content	IS 2796 (Annexure C)
45	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum Content	IS:1448(P-29),ASTM D381
46	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ASTM D5453,ISO 20847