National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY KOTA, NH 27, BARAN ROAD, TATHED, VILLAGE: BRIJESHPURA, KOTA, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 18/01/2021 to 17/01/2023 **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	Lubricants	Appearance	SOP-9- Issue NO. 1 Issue Dt.01.09.2019
2	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	ASTM D1500
3	CHEMICAL- LUBRICANTS	Lubricants	Colour ASTM	IS 1448 (PART-12)
4	CHEMICAL- LUBRICANTS	Lubricants	Colour Visual	SOP-11- Issue NO. 1 Issue Dt.01.09.2019
5	CHEMICAL- LUBRICANTS	Lubricants	Copper Strip Corrosion for 3 hours at 100 deg. C	ASTM D -130
6	CHEMICAL- LUBRICANTS	Lubricants	Copper Strip Corrosion for 3 hours at 100 deg. C	IS 1448(Part-15)
7	CHEMICAL- LUBRICANTS	Lubricants	Crackle Test	SOP-10- Issue NO.1 Issue Dt.01.09.2019
8	CHEMICAL- LUBRICANTS	Lubricants	Density	IS 1448(Part-16)
9	CHEMICAL- LUBRICANTS	Lubricants	Flash Point(PMCC)	IS 1448(Part-21)
10	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity @ 100°C	ASTM D 445
11	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity @ 100°C	IS 1448(Part-25)
12	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity @ 40°C	ASTM D 445
13	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity @ 40°C	IS 1448(Part-25):
14	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	ASTM D97
15	CHEMICAL- LUBRICANTS	Lubricants	Pour Point	IS:1448(Part-10)
16	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index	IS1448(Part-56)
17	CHEMICAL- LUBRICANTS	Lubricants	Water Content	IS 1448(Part-40)
18	CHEMICAL- LUBRICANTS	Lubricants	Water Content	IS:1448(Part-40)
19	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Appearance	SOP-9- Issue NO. 1 Issue Dt.01.09.2019
20	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Cetane Index	ASTM D4737
21	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Colour Visual	SOP-11- Issue NO. 1 Issue Dt.01.09.2019
22	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Cu Strip Corrosion 3 hours 50°C	IS 1448 (Part-15)
23	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Density	ASTM D1298

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24	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Density	IS 1448 (Part-16)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Distillation 95 percent v/v, recovery	ASTM D86
26	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Distillation 95 percent v/v, recovery	IS 1448(Part-18)
27	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Flash Point (Abel)	IP 170
28	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Flash Point (Abel)	IS 1448(Part-20)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Kinematic Viscosity @ 40°C	ASTM D445
30	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Kinematic Viscosity @ 40°C	IS 1448(Part-25)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Pour Point	ASTM D 97
32	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Total Sulphur	ASTM D4294
33	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels /High Speed Diesel	Total Sulphur	ISO 13032
34	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Appearance	SOP-9- Issue NO. 1 Issue Dt.01.09.2019
35	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Colour Visual	SOP-11- Issue NO.1 Issue Dt.01.09.2019
36	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Miscibility with water	IS15464(Annex-C)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Appearance	SOP-9- Issue NO. 1 Issue Dt.01.09.2019
38	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Saybolt	IS1448(Part-14)
39	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Colour Visual	SOP-11- Issue NO. 1 Issue Dt.01.09.2019
40	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Cu Strip Corrosion 3 hours 50°C	IS 1448(Part-15)
41	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Density	ASTM D1298
42	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Final Boiling Point	ASTM D86

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43	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation Final Boiling Point	IS 1448(Part-18)
44	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation percent recovered below 200°C.	ASTM D86
45	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Distillation percent recovered below 200°C.	IS 1448(Part-18)
46	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Flash Point (Abel)	IS 1448(Part-20)
47	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448(Part-31)
48	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	ISO 3014
49	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Total Sulphur % by mass	ASTM D4294
50	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	SOP-9- Issue NO. 1 Issue Dt.01.09.2019
51	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour Visual	SOP-11- Issue NO. 1 Issue Dt.01.09.2019
52	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Cu Strip Corrosion 3 hours 50°C	IS 1448 -PART 15
53	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density	ASTM D1298
54	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density	IS:1448 (Part-16)
55	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation ,Final Boiling Point	IS 1448(Part-18)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation ,Initial Boiling Point	ASTM D86
57	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation ,Initial Boiling Point	IS 1448(Part-18)
58	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, percent evaporated at 100°C (E 100°C)	IS 1448(Part-18)
59	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, percent evaporated at 150°C (E 150°C)	IS 1448(Part-18)
60	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation, percent evaporated at 70°C (E 70°C)	IS 1448(Part-18)
61	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Ethanol content	IS 2796 (Annexture C)

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62	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum Content Solvent washed	IS 1448(Part-29)
63	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Research Octane Number(RON)	ASTM D2699
64	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ISO 13032
65	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur	ISO 20847