National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, MANGLIA, BPCL, MRT MANGLIA, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10738 **Page No** 1 of 3

Validity 22/06/2022 to 21/06/2024 **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	Density	IS 1448 Part-16
2	CHEMICAL- LUBRICANTS	Lubricant.	Colour ASTM	ASTM D 1500
3	CHEMICAL- LUBRICANTS	Lubricants	Appearance (Visual)	SOP/BPC/03, Issue No 03, Issue Date: 01.06.2019
4	CHEMICAL- LUBRICANTS	Lubricants	Colour (Visual)	SOP/BPC/03, Issue No 03, Issue Date: 01.06.2019
5	CHEMICAL- LUBRICANTS	Lubricants	Cu Strip Corrosion rating	IS 1448 Part- 15
6	CHEMICAL- LUBRICANTS	Lubricants	Flash Point (PMCC AUTO)	ASTM D 93
7	CHEMICAL- LUBRICANTS	Lubricants	Flash point (PMCC Manual)	IS 1448 Part-21
8	CHEMICAL- LUBRICANTS	Lubricants	Flash point COC	IS 1448 Part-69
9	CHEMICAL- LUBRICANTS	Lubricants	Kinematic Viscosity@ 100 deg c	ASTM D 7042
10	CHEMICAL- LUBRICANTS	Lubricants	Kinematic viscosity@ 100 deg c	IS 1448 Part-25
11	CHEMICAL- LUBRICANTS	Lubricants	Kinematic viscosity@ 40 deg c	ASTM D 7042
12	CHEMICAL- LUBRICANTS	Lubricants	Kinematic viscosity@ 40 deg c	IS 1448 Part-25
13	CHEMICAL- LUBRICANTS	Lubricants	Pour point	IS 1448 Part-10
14	CHEMICAL- LUBRICANTS	Lubricants	Viscosity Index	IS 1448 Part-56
15	CHEMICAL- LUBRICANTS	Lubricants	Water content	IS 1448 Part-40
16	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Ethanol content % by Vol.at 15.6 deg. c	IS 15464
17	CHEMICAL- PETROLEUM AND PRODUCTS	Ethanol	Relative density@15.6 deg c	IS 15464
18	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Density	IS 1448 Part- 16
19	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Flash Point (PMCC Auto)	ASTM D 93
20	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Flash Point (PMCC Manual)	IS 1448 Part- 21
21	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Kinematic Viscosity	IS 1448 Part-25
22	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Sediments	IS 1448 Part- 30

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23	CHEMICAL- PETROLEUM AND PRODUCTS	Furnace Oil	Water content	IS 1448 Part- 40
24	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Cetane Index (Calculated)	ASTM D 4737-10
25	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Density	IS 1448 Part-16
26	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Distillation	ASTM D 86
27	CHEMICAL- PETROLEUM AND PRODUCTS	HIgh speed Diesel	Distillation (Manual)	IS 1448 Part- 18
28	CHEMICAL- PETROLEUM AND PRODUCTS	High Speed Diesel	Kinematic Viscosity at 40 deg.c	ASTM D 7042
29	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel	Kinematic Viscosity at 40 deg.c	IS 1448 Part-25
30	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel	Pour Point	IS 1448 Part- 10
31	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel	Water Content	IS 1448 Part- 40
32	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel/ Kerosene	Abel Flash Point	IS 1448 Part- 20
33	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel/ Kerosene	Abel Flash Point (Auto)	IP 170
34	CHEMICAL- PETROLEUM AND PRODUCTS	High speed Diesel/ Kerosene	Sulphur	ASTM D 5453
35	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene	Smoke Point	IS 1448 Part-31
36	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene / Hexane	Colour -saybolt	IS 1448 Part- 14
37	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene / Hexane	Density	IS 1448 Part-16
38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	Research Octane No. (RON)	IS 1448 Part- 27
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit	Density	IS 1448 Part- 16
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit	Distillation	IS 1448 Part- 18
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit	Distillation (Auto)	ASTM D 86

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42	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit	Ethanol Content	IS 2796 Annexure C
43	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit	Existent gum	IS 1448 Part- 29
44	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Spirit	sulphur	ISO 20847
45	CHEMICAL- PETROLEUM AND PRODUCTS	Motor spirit / High speed Diesel	Sulphur	ASTM D 5453
46	CHEMICAL- PETROLEUM AND PRODUCTS	MS /HSD/SKO	Cu Strip corrosion Rating	IS 1448 Part- 15
47	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum Product	Appearance (Visual)	SOP/BPC/03, Issue No 03, Issue Date: 01.06.2019
48	CHEMICAL- PETROLEUM AND PRODUCTS	Petroleum products	Colour (Visual)	SOP/BPC/03, Issue No 03, Issue Date: 01.06.2019
49	CHEMICAL- PETROLEUM AND PRODUCTS	SKO / Hexane	Distillation	ASTM D 86
50	CHEMICAL- PETROLEUM AND PRODUCTS	SKO / Hexane	Distillation	IS 1448 Part-18