National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY, LUBE BLENDING PLANT, BUDGE BUDGE, IOCL, 3, GRAHAM ROAD, 24 PARGANAS (S), WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6353 **Page No** 1 of 2

Validity 16/03/2023 to 15/03/2025 **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	Lubricating Oil	Appearance	LBP-BGB-QC/SOP-22
2	CHEMICAL- LUBRICANTS	Lubricating Oil	Calcium ED-XRF	ASTM D6481
3	CHEMICAL- LUBRICANTS	Lubricating Oil	Cold Cranking Simulator	ASTM D5293
4	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour	IS 1448 (Part 12)
5	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour	LBP-BGB-QC/SOP-23
6	CHEMICAL- LUBRICANTS	Lubricating Oil	Colour ASTM	ASTM D1500-12
7	CHEMICAL- LUBRICANTS	Lubricating Oil	Cu Strip Corrosion	ASTM D130
8	CHEMICAL- LUBRICANTS	Lubricating Oil	Cu Strip Corrosion	IS 1448 (Part 15)
9	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	ASTM D1298
10	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	ASTM D4052
11	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	ASTM D7042
12	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	IS 1448 (Part 16)
13	CHEMICAL- LUBRICANTS	Lubricating Oil	Emulsion Characterisics	ASTM D1401
14	CHEMICAL- LUBRICANTS	Lubricating Oil	Emulsion Stability	LBP-BGB-QC/SOP-15
15	CHEMICAL- LUBRICANTS	Lubricating Oil	Evaporation Loss	ASTM D5800
16	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (COC)	ASTM D92
17	CHEMICAL- LUBRICANTS	Lubricating Oil	Flash Point (COC)	IS 1448 (Part 69)
18	CHEMICAL- LUBRICANTS	Lubricating Oil	Foaming Charactaristic	ASTM D892
19	CHEMICAL- LUBRICANTS	Lubricating Oil	Foaming Characteristic	IS 1448 (Part 67)
20	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 100°C	ASTM D445
21	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 100°C	ASTM D7042
22	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 100°C	IS 1448 (Part 25)
23	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 40°C	ASTM D445
24	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 40°C	ASTM D7042
25	CHEMICAL- LUBRICANTS	Lubricating Oil	Kinematic Viscosity @ 40°C	IS 1448 (Part 25)
26	CHEMICAL- LUBRICANTS	Lubricating Oil	Moisture (crackle)	LBP-BGB-QC/SOP-02
27	CHEMICAL- LUBRICANTS	Lubricating Oil	NAS Value	ISO 4406
28	CHEMICAL- LUBRICANTS	Lubricating Oil	NAS value	ISO 4407
29	CHEMICAL- LUBRICANTS	Lubricating Oil	Pour Point	ASTM D97

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30	CHEMICAL- LUBRICANTS	Lubricating Oil	Pour Points	ASTM D6749
31	CHEMICAL- LUBRICANTS	Lubricating Oil	Pour Points	IS 1448 (Part 10)
32	CHEMICAL- LUBRICANTS	Lubricating Oil	Saponification Value	ASTM D94
33	CHEMICAL- LUBRICANTS	Lubricating Oil	Sulfated Ash	ASTM D874
34	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Acid No	ASTM D664
35	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Acid Number	ASTM D974
36	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	IS 1448 (Part 86)
37	CHEMICAL- LUBRICANTS	Lubricating Oil	Total Base Number (TBN)	ASTM D2896
38	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	ASTM D2270
39	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	ASTM D7042
40	CHEMICAL- LUBRICANTS	Lubricating Oil	Viscosity Index	IS 1448 (Part 56)
41	CHEMICAL- LUBRICANTS	Lubricating Oil	Zinc ED-XRF	ASTM D6481