National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NORTH EAST REGION SMART LABORATORY, IOCL, ASSAM OIL DIVISION, GUWAHATI, KAMRUP, ASSAM, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11505 **Page No** 1 of 3

Validity 22/03/2023 to 02/12/2024 **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- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Appearance(Visual)	In house SOP NERL/SOP/VISUAL TEST/1 dtd 10.01.22
2	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ASTM D4737
3	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Calculated Cetane Index	ISO 4264
4	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	CFPP	IS 1448: P110
5	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Cupper Strip Corrosion	IS1448:P15
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density	ASTM D4052
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Density	IS1448:P16
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation	ASTM D86
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Distillation	IS1448:P18
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash Point (Abel)	IS1448:P20
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Flash point(Abel)	IP170
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Kinematic Viscosity@ 40deg C	IS1448:P25
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	KV@40 deg C	ASTM D7042
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	PMCC FLASH POINT	IS 1448: P21
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Pour Point	IS1448: P 10- Sec-2
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	Total Sulphur (WDXRF)	ASTM D 2622
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel	TOTAL SULPHUR(UVF)	ASTM D5453
18	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Appearance	In house SOP NERL/SOP/VISUAL TEST/1 dtd 10.01.22

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Color(Visual)	In house SOP NERL/SOP/VISUAL TEST/2 dtd 10.01.22
20	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Cupper Strip Corrosion	IS 1448: P15
21	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Density	ASTM D4052
22	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Density	IS 1448: P16
23	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Distillation	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Distillation	IS 1448: P18
25	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Flash point(Abel)	IP170
26	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Flash point(Abel)	IS 1448:P20
27	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Smoke Point	IS1448:P31
28	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Total Sulphur(EDXRF)	ASTM D4294
29	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosine	Total Sulphur(UVF)	ASTM D5453
30	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance(Visual)	In house SOP NERL/SOP/VISUAL TEST/1 dtd 10.01.22
31	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Color(Visual)	In house SOP NERL/SOP/VISUAL TEST/2 dtd 10.01.22
32	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Cupper Strip Corrosion	IS 1448: P15
33	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density	ASTM D4052
34	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density	IS 1448: P16
35	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation	ASTM D86
36	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation	IS 1448: P18
37	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum content(Solvent washed)	IS 1448: P29

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	RON	ASTM D2699
39	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	RON	IS 1448:P27
40	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur(UVF)	ASTM D5453
41	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Total Sulphur(WDXRF)	ASTM D2622