National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, HALDIA REFINERY, MEDINIPUR EAST, HALDIA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10599 **Page No** 1 of 2

Validity 10/05/2022 to 09/05/2024 **Last Amended on** 10/11/2022

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	ATF	Sulphur, Mercaptan	IS 1448 P 109
2	CHEMICAL- PETROLEUM AND PRODUCTS	ATF	Visual appearance	Annex D of IS 1571
3	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, MG, PCK, LS ATF	Sulphur	ASTM D 5453
4	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Aromatics, (Defence)	IS 1448 P23
5	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Colour	ASTM D 156
6	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Copper strip corrosion for 2 h at 100°C	IS 1448 P15
7	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Density at 15°C	IS 1448 P16
8	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Doctor Test	IS 1448 P19
9	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Electrical Conductivity	IP 274
10	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Existent Gum with air, mg/100ml	IS 1448 P29
11	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Freezing Point	IS 1448 P11
12	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	JFTOT	ASTM D 3241
13	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Kinematic Viscosity at -20°C	IS 1448 P25
14	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Lubricity	ASTM D 5001
15	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	MSEP Rating with SDA at the pt of mfr	IS 1448 P142
16	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Naphthalenes	IS 1448 P118
17	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Particulate Contamination at pt of mfr	ASTM D 5452
18	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Silver Strip Corrosion for 4 h at 50°C	IS 1571 : ANB

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19	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Smoke Point (with naphthalenes)	ISO 3014
20	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Specific Energy, MJ/Kg	ASTM D 3338
21	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Total acidity	IS1448 P 113
22	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Total Sulphur (For Defence)	ASTM D 4294
23	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF)	Water Reaction - Interface Rating	IS 1448 P42
24	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF), HSD, SKO, PCK, LS ATF	Flash Point (Abel)	IS 1448 P20
25	CHEMICAL- PETROLEUM AND PRODUCTS	JET A-1 (ATF), MS, SKO, Naphtha, HSD, LSHF HSD, JBO, PCK, LS ATF	Distillation	IS P1448 P18
26	CHEMICAL- PETROLEUM AND PRODUCTS	LS ATF, HSD, MG, PCK	Total Sulphur	ASTM D 2622
27	CHEMICAL- PETROLEUM AND PRODUCTS	LSHF HSD, FO, MARPOL FO, JBO, LDO	Flash Point (PMCC)	IS 1448 P21
28	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Absolute viscosity at 60°C	IS 1206
29	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Ductility at 25°C	ASTM D113
30	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Ductility at 25°C	IS 1208
31	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Flash point (Cleveland open cup)	IS 1448 P 69
32	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Kinematic viscosity at 135°C	IS 1206
33	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Penetration at 25°C, 100 g, 5 s	IS 1203
34	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Softening point (R&B)	IS 1205
35	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Solubility in trichloroethylene	ASTM D2042
36	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Solubility in trichloroethylene	IS 1216
37	CHEMICAL- SOLID FUELS	DURAPAVE BITUMEN VG 10 / VG 30 / VG 40	Viscosity ratio at 60°C	IS 1206