National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IFP LABORATORY, INTEGRATED FIRE PROTECTION PVT LTD, RAJBARIPARA, JALPAIGURI, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5944 **Page No** 1 of 5

Validity 16/10/2021 to 15/10/2023 **Last Amended on** 09/11/2021

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- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	EN 1568-2,3&4
2	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	ICAO Doc 9137-AN/898, Part-1
3	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	IMO MSC.1/Circ.1312
4	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	IMO MSC/Circular.670
5	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	IS 4989
6	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	25% drainage time/50% drainage time	UL 162
7	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Burn Back Time/ 25% Reignition Time	EN 1568-3&4
8	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Burn Back Time/ 25% Reignition Time	ICAO Doc 9137-AN/898, Part-1
9	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Burn Back Time/ 25% Reignition Time	IMO MSC.1/Circ.1312
10	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Burn Back Time/ 25% Reignition Time	IS 4989
11	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	EN 1568-2,3&4
12	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	ICAO Doc 9137-AN/898, Part-1
13	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	IMO MSC.1/Circ.1312

SCOPE OF ACCREDITATION

Laboratory Name : IFP LABORATORY, INTEGRATED FIRE PROTECTION PVT LTD, RAJBARIPARA, JALPAIGURI, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5944 **Page No** 2 of 5

Validity 16/10/2021 to 15/10/2023 **Last Amended on** 09/11/2021

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
14	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	IMO MSC/Circular.670
15	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	UL 162
16	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Expansion	IS 4989
17	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	EN 1568-2,3&4
18	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	ICAO Doc 9137-AN/898, Part-1
19	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	IMO MSC.1/Circ.1312
20	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	IMO MSC/Circular.670
21	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	IS 4989
22	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Fire Control Time & Fire Extinction Time	UL 162
23	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Freezing and thawing	EN 1568-2&3
24	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Freezing and thawing	IMO MSC.1/Circ.1312
25	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High Expansion Foam Concentrate	Freezing and thawing	IMO MSC/Circular.670
26	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Freezing and thawing	IS 4989
27	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Interfacial tension	EN 1568-3&4

SCOPE OF ACCREDITATION

Laboratory Name : IFP LABORATORY, INTEGRATED FIRE PROTECTION PVT LTD, RAJBARIPARA, JALPAIGURI, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5944 **Page No** 3 of 5

Validity 16/10/2021 to 15/10/2023 **Last Amended on** 09/11/2021

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
28	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Interfacial tension	IMO MSC.1/Circ.1312
29	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Interfacial Tension	IS 4989
30	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Interfacial Tension	UL-162
31	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Miscibility	IS 4989
32	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	pH	EN 1568-2&3
33	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	pH	ICAO Doc 9137-AN/898, Part-1
34	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	pH	IMO MSC.1/Circ.1312
35	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High Expansion Foam Concentrate	pH	IMO MSC/Circular.670
36	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	pH	IS 4989
37	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Pour Point/Freezing Point	EN 1568-3
38	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Pour Point/Freezing Point	IS 4989
39	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sealability/ Torch Test	IS 4989
40	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sealability/Torch Test	UL 162
41	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sludge Content/ Sedimentation	EN 1568-2,3&4

SCOPE OF ACCREDITATION

Laboratory Name : IFP LABORATORY, INTEGRATED FIRE PROTECTION PVT LTD, RAJBARIPARA, JALPAIGURI, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5944 **Page No** 4 of 5

Validity 16/10/2021 to 15/10/2023 **Last Amended on** 09/11/2021

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
42	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sludge Content/ Sedimentation	ICAO Doc 9137-AN/898, Part-1
43	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sludge Content/ Sedimentation	IMO MSC.1/Circ.1312
44	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sludge Content/ Sedimentation	IMO MSC/Circ. 670
45	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Sludge Content/ Sedimentation	IS 4989
46	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Specific Gravity/ Density/ Volumic Mass	IMO MSC.1/Circ.1312
47	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Specific Gravity/ Density/ Volumic Mass	IMO MSC/Circular.670
48	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Specific Gravity/ Density/ Volumic Mass	IS 4989
49	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Spreading Coefficient	EN 1568-3&4
50	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Spreading Coefficient	IMO MSC.1/Circ.1312
51	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Spreading Coefficient	IS 4989
52	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Spreading Coefficient	UL 162
53	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Surface Tension	EN 1568-3&4
54	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Surface Tension	IMO MSC.1/Circ.1312
55	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Surface Tension	IS 4989

SCOPE OF ACCREDITATION

Laboratory Name :	IFP LABORATORY, INTEGRATED FIRE PROTECTION PVT LTD, RAJBARIPARA, JALPAIGURI, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5944	**Page No**	5 of 5
Validity	16/10/2021 to 15/10/2023	**Last Amended on**	09/11/2021

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
56	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Surface Tension	UL-162
57	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	EN 1568-2&3
58	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	EN 1568-4
59	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	ICAO Doc 9137-AN/898, Part-1
60	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	IMO MSC.1/Circ.1312
61	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	IMO MSC/Circular.670
62	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Viscosity	IS 1206 (Part III), Sl. (iv) Table 2
63	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	AFFF, PF, FP, FFFP, SF Class A, AR-AFFF, AR- FFFP, AR-FP, High expansion Foam Concentrate	Visual Examination and ageing/ conditioning of foam concentrate solution	IS 4989