National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5659 **Page No** 1 of 52

Validity 01/04/2022 to 31/03/2024 **Last Amended on** 06/04/2023

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	Aqueous Film Forming Foam (AFFF), Film Forming Fluoroprotein (FFFP), Fluoroprotein (FP), for boty hydrocarbon & Polar Fuel Group	Film Forming Test c) Spreading Coefficient	Cl. 7 of UL-162
2	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Apparent Density as per IS-4308: 2003	Cl. 10.5 (a) of JSS 4210-31
3	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Caking as per IS-4308: 2003	Cl. 10.5 (d) of JSS 4210-31
4	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Free Flowing Characteristic as per IS-4308: 2003	Cl. 10.5 (g) of JSS 4210-31
5	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Heat Test as per IS-4308: 2003	Cl. 10.5 (g) of JSS 4210-31
6	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Hygroscopicity as per IS-4308: 2003	Cl. 10.5 (c) of JSS 4210-31
7	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Moisture Content as per IS-4308: 2003	Cl. 10.5 (j) of JSS 4210-31
8	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Particle Size Distribution as per IS-4308: 2003	Cl. 10.5 (b) of JSS 4210-31
9	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charge, Fire Extinguisher, Dry Powder 10 kg (Dry Chemical Powder 10kg)	Water Repellency as per IS-4308: 2003	Cl.10.5 (e) of JSS 4210-31
10	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Charged Fire Extinguisher Mechanical Foam 9 litre for High Altitude and Subzero temperature condition up to minus 15°C AFFF	Film formation test	S.N. 14 (viii) of IND/CQAFE/PROV/005 5(c
11	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Freezing point determination	S.N. 12(a) of IND/CQAFE/PROV/0196(a)
12	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Miscibility (S.N. 14 (iii) as IS 4989:2006 Annex-C)	IND/CQAFE/PROV/005 5(c)
13	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	pH (S.N. 14(i) as per IS 4989:2006 Annex-A)	IND/CQAFE/PROV/005 5(c)

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	2 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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14	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Pour Point	S.N 14 (v) of IND/CQAFE/PROV/005 5(c)
15	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Sludge Content	S.N. 14(vi) of IND/CQAFE/PROV/005 5(c)
16	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Specific Gravity (S.N. 14(ii) as IS 4989:2006 Annex-B)	IND/CQAFE/PROV/005 5(C)
17	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Spreading Coefficient	S.N. 14 (vii) of IND/CQAFE/PROV/005 5(c
18	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Compound Foam Aqueous Film Forming Type - 6 Freeze Protected to Minus 20 °C	Viscosity	S.N. 14 (iv) of IND/CQAFE/PROV/005 5(c)
19	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Chemical Content for ABC Type Powder	Annex A of IS 4308
20	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Chemical Content for BC Type Powder	Annex A of IS 4308
21	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Chemical Content for D Type Powder	Annex A of IS 4308
22	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Apparent Density	Annex B of IS 4308
23	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Hydgroscopicity	Annex D of IS 4308
24	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Moisture Content	Annex F of IS 4308
25	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Sieve Analysis/Particle Size Distribution	Annex C of IS 4308
26	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powders for Fire Fighting - BC, ABC and D Types - Specification	Water Repellency	Annex E of IS 4308
27	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Chemical Content for BC type	Cl. 7 of BS EN 615

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	3 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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28	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Apparent Density	Cl. 1 & Annex A of UL-299C
29	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Chemical Content/ Chemical Analysis Test	annex A & Cl. 2 of UL 299C
30	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Elevated Temperature Test	Cl. 8 of UL 299C
31	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Hygroscopicity Tests	Cl. 8 of UL 299C
32	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Packed Chamber Test	Cl. 10 of UL 299C
33	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Sieve Tests	Annex A of UL 299C
34	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical for Special Application	Water Repellency	Annex A of UL 299C
35	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Bulk Density	Cl. 5 and Annex-A of BS EN 615
36	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Chemical Content for ABC type	Cl. 7 of BS EN 615
37	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Moisture Content	Cl.12 and Annex-E of S EN 615
38	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Residual Mass After Discharge	Cl. 9 and Annex-J of BS EN 615
39	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Resistance to Caking and Lumping	Cl. 10 and Annex-C ofBS EN 615
40	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Sieve Analysis	Cl. 6 and Annex-B1 of BS EN 615
41	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Water Repellency	Cl. 11 and Annex-D ofBS EN 615

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	4 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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42	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - Foam Concentrate for High & Medium Expansion Foam Consecrate	pH	Clause No. 7 of EN 1568 -1 & 2
43	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam Concentrate	25%//50% drainage time	Annex G, (Cl. No. 10) ofEN 1568 - 1 & 2
44	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam Concentrate	Burn Back time	Annex H , Cl. No. 11 ofEN 1568 - 1 & 2
45	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam Concentrate	Expansion	Annex G, Cl. No. 10 ofEN 1568 - 1 & 2
46	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam Concentrate	Fire Test	Annex H, Cl. No. 11 ofEN 1568 - 1 & 2
47	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam concentrate	Freezing & Thowing	Annex E of EN 1568 - 1 & 2
48	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam concentrate	Sediment	Annex C, Cl. No. 4 of EN 1568 - 1 & 2
49	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Extinguishing Media - foam concentrate for high and medium expansion Foam Concentrate	Surface Tension	Annex F, Cl. No. 8 of EN 1568 - 1 & 2
50	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing media - Powder	Bulk Density	Cl. 5.2 & 13.1 of ISO 7202
51	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing Media - Powder	Content of Mono Ammonium Phosphate in class ABC Powders	Cl. 5.5, 13.10 & Annex E ofISO 7202
52	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing media - Powder	Fluidity Testing	Cl. 7 & 13.4 of ISO 7202
53	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing Media - Powder	Moisture Absorbance	Cl. 12 & 13.9 of ISO 7202
54	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing Media - Powder	Moisture Content	Cl. 10 & 13.7 of ISO 7202
55	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing Media - Powder	Resistance to caking and lumping	Cl. 8 & 13.5 of ISO 7202

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	5 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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56	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing media - Powder	Sieve Analysis	Cl. 5.2 & 13.2 OF ISO 7202
57	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Fire Protection - Fire Extinguishing Media - Powder	Water Repellence	Cl. 9 & 13.6 of ISO 7202
58	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	Freezing & Thawing	Annex A2 of IS 4989
59	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	Miscibility with Distilled & Synthetic Sea Water	Annex D of IS 4989
60	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	pH	Annex B of IS 4989
61	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	Pour Point	Annex E of IS 4989
62	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	Specific Gravity	Annex C of IS 4989
63	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Foam for Fire Fighting - Specification	Viscosity	IS:1206 (Part 3)1978 of IS 4989
64	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Interfacial Tension	Annex G of IS 4989
65	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Sludge Content	Annex F of IS 4989
66	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Spreading Co-efficient	Annex G of IS 4989
67	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Surface Tension	Annex G of IS 4989
68	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Fire Performance Test (Cl. 8.1.8) a) Fire Extinction Test (Table 8.1 page 8-4) b) 25% reignition time (Burn back resistance period) (Table 8.1 page 8-4)	ICAO DOC9137-AN/898

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	6 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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69	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Interfacial tension	Cl. 8.1.5 of ICAO DOC9137-AN/898
70	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	pH for original sample	Cl. 8.1.5 of ICAO DOC9137-AN/898
71	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Sedimentation of Conditioned sample	Cl. 8.1.5 of ICAO DOC9137-AN/898
72	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Sedimentation of original sample	Cl. 8.1.5 of ICAO DOC9137-AN/898
73	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Surface tension of AFFF/FFFP	Cl. 8.1.5 of ICAO DOC9137-AN/898
74	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Viscosity of original sample at the temperature of lowest recommended use i.e. upto which it remains pourable	Cl. 8.1.5 of ICAO DOC9137-AN/898
75	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrates	pH	LASTFIRE Fire Test specification Revision D and Revision B
76	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrates	Specific Gravity	Cl. 4.4 of LAST FIRE FIRE TEST SPECIFICATION REVISION d AND REVISION B
77	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrates	Surface Tension and Interfacial Tension	Cl. 4.4 of LAST FIRE FIRE TEST SPECIFICATION REVISION D AND REVISION B
78	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrates	Viscosity	LAST FIRE FIRE TEST SPECIFICATION REVISION D AND REVISION B
79	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Concentrates for producing mechanical foam for Fire fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam.	Viscocity	IS 1206
80	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Equipment and Liquid Concentrates	Film Form Test a) Surface Tension	Cl. 7 (Method-A of ASTM-D 1331-89 of UL-162

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	7 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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81	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Equipment and Liquid Concentrates	Film Forming Test b) Interfacial Tesnsion	(Method -B of ASTM-D 1331-89) ofUL-162
82	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	25% Drainage Time	Annex J of JSS 4210-30
83	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Expansion Ratio	Annex J of JSS 4210-30
84	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Film Formation	Annex H of JSS 4210-30
85	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Fire Test a) Fire Control b) Fir Extinction c) Burn Back d) Sealability	Annex K of JSS 4210-30
86	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Miscibility	Annex C of JSS 4210-30
87	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	pH	Annex A of JSS 4210-30
88	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Pour Point	Annex D of JSS 4210-30
89	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Sludge Content	Annex E of JSS 4210-30
90	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Specific Gravity	Annex B of JSS 4210-30
91	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Spreading Cofficient	Annex F of JSS 4210-30
92	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquid, Aqueous Film Forming for Fire Fighting	Viscosity	IS 1206 Part-3) Table 2 of JSS 4210-30
93	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Drainage Time	Annex B of DEF STAN 42-40/2
94	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Expansion Ratio	Annex B of DEF STAN 42-40/2

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5659 **Page No** 8 of 52

Validity 01/04/2022 to 31/03/2024 **Last Amended on** 06/04/2023

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95	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Fire Test a) Fire Control b) Fire Extinction c) Burn Back	Annex C of DEF STAN 4240-40/2
96	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Low Temperature Storage	Cl. 6.1 Table A.5 of DEF STAN 42-40/2
97	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	pH	Cl. 6.1 Table A.2 of DEF STAN 42-40/2
98	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Sludge Content	Cl. 6.1 Table A.3 of DEF STAN 42-40/2
99	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Foam Liquids, Fire Extinguishing (Concentrates, Foam, Fire Extinguishing) viz AFFF, FFFP, FP, PF	Viscosity	Cl. 6.1 Table A.1 of DEF STAN 42-10/2
100	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Portable Fire Extinguishers - Performance and Construction - Specification	Content of Mono Ammonium Phosphate for ABC Powder type	Cl 9.14.1 of IS 15683
101	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Portable Fire Extinguishers - Performance and Construction - Specification	Content of Sodium Bicarbonate/Potassium Bicarbonate for BC Powder Type	Cl. 9.14.2 of IS 15683
102	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Portable Fire Extinguishers - Performance and Construction - Specification	Surface Tension for Foam Type	Cl. 9.14.3 of IS 15683
103	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEMS	Heat Stability	Cl. 3.2 of IMO MSC.1/1312
104	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEMS	Kinematic Viscosity	Cl. 3.4 of IMO MSC.1/Circ 1312
105	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEMS	pH Value	Cl. 3.5 of IMO MSC.1/Circ 1312
106	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEMS	Sedimentation	Cl. 3.3 of IMO MSC.1/Circ 1312
107	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEMS	Specific Gravity	3.11 of IMO.MSC.1/Circ1312

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	9 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
108	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	REVISED GUIDELINES FOR THE PERFORMANCE AND TESTING CRITERIA AND SURVEYS OF FOAM CONCENTRATES FOR FIXED FIRE EXTINGUISHING SYSTEM	Freezing and Thawing	Cl. 3.1 of IMO MSC.1/Circ 1312
109	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Drainage Time	Cl. 10 & Annex G of BS EN 1568-3
110	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Expansion Ratio	Cl. 10 & Annex G of BS EN 1568-3
111	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Film Formation	Cl. 11 & Annex L of BS EN 1568-3
112	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Forceful Application Fire Test	Cl. 11 & Annex H4 of BS EN 1568-3
113	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Freezing Point	Cl. 5 & Annex K of BS EN 1568-3
114	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Gentle Application Fire Test	Cl. 11 & Annex H3 of BS EN 1568-3
115	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	pH	Cl. 7 of BS EN 1568-3
116	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Sludge Content	Cl. 4.1, 4.2 & Annex C of BS EN 1568-3
117	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Small Scale Fire Test	Cl. 11 & Annex I of BS EN 1568-3
118	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Stability/Separation Tests of Foam Concentrate	Cl. 9 & Annex M of BS EN 1568-3
119	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Surface Tension	Cl. 8 & Annex F of BS EN 1568-3
120	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Specification for Low Expansion Foam Concentrates for Surface Application to Water-Immiscible Liquids	Viscosity for pseudo plastic foam concentrates	Cl. 6 & Annex D of BS EN 1568-1, 2 & 3
121	ELECTRICAL- SAFETY TESTING FACILITY	Fire Blankets	Electrical Resistance	BS EN 1869

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	10 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
122	ELECTRICAL- SAFETY TESTING FACILITY	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Electrical Conductivity of Extinguisher Discharge	Cl. 8.6 of ISO 7165
123	ELECTRICAL- SAFETY TESTING FACILITY	Fire Protection - Fire Extinguishing media - Powder	Electrical Insulation value	Cl. 11 & 13.8 of ISO 7202
124	ELECTRICAL- SAFETY TESTING FACILITY	Mobile Fire Extinguishers	Dielectric Test	Cl. 7.3 of DIN EN 1866-1 (E)
125	ELECTRICAL- SAFETY TESTING FACILITY	Portable Fire Extinguishers - Performance and Construction - Specification	Electrical Conductivity of Extinguisher Discharge	Cl. 8.8 of IS 15683
126	ELECTRICAL- SAFETY TESTING FACILITY	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Dielectric Test	Cl. 9 of EN 3-7:2004+A1
127	ELECTRICAL- SAFETY TESTING FACILITY	Specification for Fire Blanket	Electrical Resistance	Cl. 5 & Annex B of IS 15381
128	ELECTRICAL- SAFETY TESTING FACILITY	Specification for Fireman Axe	Dielectric Test of Insulated Handle	Cl. 6.3 of IS 926
129	ELECTRICAL- SAFETY TESTING FACILITY	Wheeled Fire Extinguisher	Electrical Conductivity of Extinguisher Discharge	Cl. 6.8 of IS 16018
130	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Aqueous Film Forming Foam (AFFF), Film Forming Fluoroprotein (FFFP), Fluoroprotein (FP), for boty hydrocarbon & Polar Fuel Group	25% Drain Time Test	Cl,10.1 of UL-162
131	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Aqueous Film Forming Foam (AFFF), Film Forming Fluoroprotein (FFFP), Fluoroprotein (FP), for boty hydrocarbon & Polar Fuel Group	Class-B Fire Test	Cl. 11 & 12 of UL-162
132	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Aqueous Film Forming Foam (AFFF), Film Forming Fluoroprotein (FFFP), Fluoroprotein (FP), for boty hydrocarbon & Polar Fuel Group	Expansion Test	Cl. 10.3 of UL-162
133	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Delivery Breechings, Dividing & Collecting, Instantaneous Pattern, For Fire Fighting Purposes	Finish	Cl. 5.1 of IS 905
134	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Delivery Breechings, Dividing & Collecting, Instantaneous Pattern, For Fire Fighting Purposes	Hydraulic Test	Cl. 6.1 of IS 905
135	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Delivery Breechings, Dividing & Collecting, Instantaneous Pattern, For Fire Fighting Purposes	Marking	Cl. 7 of IS 905
136	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Delivery Breechings, Dividing & Collecting, Instantaneous Pattern, For Fire Fighting Purposes	Types & Dimension	Cl. 4 of IS 905
137	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for B & C Class Fire	Fire Knocking Down Property Test	Cl. 10.5 (h) of JSS 4210-31

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	11 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
138	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for B & C Class Fire	Foam Compatibility Test	Cl. 10.5 (k) of JSS 4210-31
139	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fire Fighting - BC, ABC and D Types - Specification	Fire Test	Annex J of IS 4308
140	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fire Fighting - BC, ABC and D Types - Specification	Foam Compatibility	Annex H of IS 4308
141	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fire Fighting - BC, ABC and D Types - Specification	Free Flowing Characterstic/ Rate of Flow	Annex G of IS 4308
142	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fire Fighting - BC, ABC and D Types - Specification	Temperature Resistance Test	Annex K of IS 4308
143	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Blankets	Fire Performance	BS EN 1869
144	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Blankets	Fire Performance Test	BS EN 1869
145	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Blankets	Force, Unfold time and Rolling Test	BS EN 1869
146	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Blankets	Marking	BS EN 1869
147	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Blankets	Size and Mass, Number of Sheets and Stitching of Blanket, Hand Holding Device	Cl. No. 4 BS EN 1869
148	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Extinguishing Dry Chemical for Special Application	Application Density Test	Cl. 11 of UL 299C
149	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Fire Test	Cl. 8 of BS EN 615
150	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Extinguishing Dry Chemical Powder (other than Class D Powder)	Foam Compatibility Test	Annex K of BS EN 615
151	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Accessories & Performance of pump	Cl. 5.5 of IS 12717

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	12 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
152	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Accessories of the Control Panel	Cl. 5.7 of IS 12717
153	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Accessories of the Engine	Cl. 5.1 to 5.4 of IS 12717
154	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Components of Portable Pump Set	Cl. 3.1 of IS 12717
155	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Frame Work	Cl. 5.8 of IS 12717
156	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Instruction Book & Equipment Provided	Cl. 7 of IS 12717
157	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Primer Test	Cl. 5.6 of IS 12717
158	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Equipment-High Capacity Portable Pump Set (1100-1600 lpm) - Functional Requirements	Workmanship & Finish	Cl. 6 of IS 12717
159	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Aluminium Cylinder	Cl. 9.2.7 of ISO 7165
160	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Bulk Range	Cl. 7.2.3 of ISO 7165
161	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Burst Test	Cl. 9.2.2 of ISO 7165
162	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Caps, Valves & Closure	Cl. 9.5.1 of ISO 7165
163	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Carrying Handle	Cl. 9.3.1 of ISO 7165
164	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Class 'A' Test Fire	Cl. 8.1.1 & 8.3 of ISO 7165
165	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Class 'B' Test Fire	Cl. 8.1.2 & 8.4 of ISO 7165

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	13 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
166	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Class 'F' Test Fire	Cl. 8.1.5, 8.7 & 8.8 of ISO 7165
167	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Construction Requirements of High-Pressure & Low Pressure Extinguishers	Cl. 9.1 & 9.2 of ISO 7165
168	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Crushing Test	Cl. 9.2.3 of ISO 7165
169	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Dip-Tubes & Filters - Water based Extinguishers	Cl. 9.13 of ISO 7165
170	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	External Corrosion Test	Cl. 7.6.1 of ISO 7165
171	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Fill Density	Cl. 5.3.1 of ISO 7165
172	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Filling Tolerance	Cl. 5.3.2 of ISO 7165
173	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Intermittent Discharge Test	Cl. 7.8 of ISO 7165
174	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Internal Corrosion Test for extinguishers using water based media	Cl. 7.6.2 of ISO 7165
175	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Long Term Leakage Test	Cl 7.4.3 of ISO 7165
176	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Making & Colour	Cl. 10.1 & 10.2 of ISO 7165
177	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Maximum Service pressure (Pms)	Cl. 3.15 of ISO 7165
178	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Method of Operation	Cl. 9.10 of ISO 7165
179	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Minimum Burst Pressure	Cl. 6.2 of ISO 7165

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	14 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
180	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Minimum Effective Discharge Time for Class 'A' rated Extinguishers	Cl. 7.2.1 of ISO 7165
181	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Minimum Effective Discharge Time for Class 'B' rated Extinguisher	Cl. 7.2.2 of ISO 7165
182	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Mounting	Cl. 9.4 & 9.4.1 of ISO 7165
183	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Permanent Volumetric Expansion Test	Cl. 9.2.4 of ISO 7165
184	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement for plastic component	Cl. 9.8 of ISO 7165
185	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of burst pressure of hose assemblies	Cl. 9.9.3 of ISO 7165
186	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of burst test of cap, valve & closure	Cl. 9.5.5 of ISO 7165
187	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Collar	Cl. 9.5.4 of ISO 7165
188	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of edges & surfaces	Cl. 9.5.6 of ISO 7165
189	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Filling Opening	Cl. 9.5.3 of ISO 7165
190	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Handle Clearance	Cl. 9.3.3 of ISO 7165
191	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Handle Length	Cl. 9.3.2 of ISO 7165
192	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of hanger loop	Cl. 9.4.6 of ISO 7165
193	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Hose & Coupling System	Cl. 9.9.2 of ISO 7165

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	15 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
194	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Hose Assemblies	Cl. 9.9 & 9.9.1 of ISO 7165
195	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of mounting bracket	Cl. 9.4.3 & 9.4.4 of ISO 7165
196	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of mounting hook	Cl. 9.4.2 OF ISO 7165
197	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Safety Device Material	Cl. 9.11.2 of ISO 7165
198	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of Safety-Locking Pin or other device	Cl. 9.11.3, 9.11.4, 9.11.5 & 9.11.6 of ISO 7165
199	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of strap	Cl. 9.4.5 of ISO 7165
200	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of threaded connections on cylinder	Cl. 9.5.2 of ISO 7165
201	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Requirement of withstanding hydrostatic pressure of hose assemblies	Cl. 9.9.4 of ISO 7165
202	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Resistance to Impact (Mechanical Resistance)	Cl. 7.5.1 of ISO 7165
203	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Resistance to temperature changes	Cl. 7.3 of ISO 7165
204	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Resistance to Vibration's	Cl. 7.5.2 of ISO 7165
205	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Retention of charge following partial discharge	Cl. 7.4.2 of ISO 7165
206	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Safety - locking device	Cl. 9.11 & 9.11.1 of ISO 7165
207	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Safety Devices	Cl. 9.6 of ISO 7165

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	16 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
208	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Service Pressure (Ps)	Cl. 3.21 & 9.2.1.1 of ISO 7165
209	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Special Requirement for CO2 Extinguishers	Cl. 9.14 of ISO 7165
210	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Stainless Steel Cylinders	Cl. 9.2.6 of ISO 7165
211	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Tapping Test (Powder Extinguisher only)	Cl. 7.7 of ISO 7165
212	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Test Pressure	Cl. 6.1 of ISO 7165
213	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Fighting Portable Fire Extinguishers- Performance and Construction	Welded Low Carbon Steel Cylinder	C. 9.2.5 of ISO 7165
214	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Deflection Test of Spanner	Cl. 8.4 of IS 903
215	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Delivery Hose Coupling	Cl. 5.1 of IS 903
216	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Hydraulic Test of Branch Pipe	Cl. 6.3 of IS 903
217	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Hydraulic Test of Coupling	Cl. 5.4 of IS 903
218	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Hydraulic Test of Nozzle	Cl. 7.3 of IS 903
219	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Marking	Cl. 4.1 of IS 903
220	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Shape and Dimension of Branch Pipe	Cl. 6.2 of IS 903
221	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Shape and Dimension of Spanner	Cl. 8.2 of IS 903

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	17 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
222	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Size & Dimension of Nozzle	Cl. 7.2 of IS 903
223	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Size and Dimension	Cl. 5.3 of IS 903
224	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Hose Delivery Couplings, Branch Pipe, Nozzles and Nozzle Spanner	Workmanship & Finish	Cl. 3 of IS 903
225	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fire Protection - Fire Extinguishing Media - Powder	Fire Test Performance (Cl 6) a. Class 'A' (Cl. 6.2, 13.3.1.1 & ISO 7165) b. Class 'B' (Cl.6.3 13.3.1.2 & ISO 7165) c. Class 'D' (Cl.6.5 13.3.1.3 & ISO 7165)	ISO 7202
226	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose -reel for fire fighting	Types of reel	Cl. 4.1 of IS 884
227	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Dimension	Cl. 5.1 of IS 884
228	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Impact Resistance Test	Cl. 5.3.1 of IS 884
229	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Load Resistance Test	Cl. 5.3.2 of IS 884
230	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Marking	Cl. 8 of IS 884
231	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Painting	Cl. 7 of IS 884
232	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Range and Water Flow Rate	Cl. 5.4 of IS 884
233	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Reel Action	Cl. 5.6 of IS 884
234	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Resistance to leakage	Cl. 5.2 of IS 884

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	18 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
235	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Swinging	Cl. 5.5 of IS 884
236	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First - Aid Hose-Reel for Fire Fighting	Workmanship & Finish	Cl. 6 of IS 884
237	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	First-Aid Hose reel for fire fighting	Components of Hose Reel	Cl 2.1 of 884
238	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fluoroprotein Foam (Conventional), Film Forming Fluoroprotien (FFFP) and Synthetic Foam	Drainage Time	Cl. 3.8 of IMO MSC.1/Circ 1312
239	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fluoroprotein Foam (Conventional), Film Forming Fluoroprotien (FFFP) and Synthetic Foam	Expansion Ratio	Cl. 3.7 of ISO 7202
240	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fluoroprotein Foam (Conventional), Film Forming Fluoroprotien (FFFP) and Synthetic Foam	Film Formation of the foam solution	Cl. 3.6 of IMO MSC.1/Circ 1312
241	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Fluoroprotein Foam (Conventional), Film Forming Fluoroprotien (FFFP) and Synthetic Foam	Fire Test	Cl. 3.9 of IMO MSC.1/Circ 1312
242	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	25% Drainage Time	IND/CQAFE/PROV/0196(a)
243	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	25% Drainage Time	S.N. 14(x) of IND/CQAFE/PROV/005 5(c
244	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	Expansion	S. N. 14(ix) of IND/CQAFE/PROV/005 5(c
245	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	Expansion	S.N. 12.8 (b) of IND/CQAFE/PROV/0196(a)
246	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	Fire Control time, Fire Extinction time, Burn Back and sealability	S. N. (xi) of IND/CQAFE/PROV/005 5(c
247	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam concentrate for producing foam for fighting	Fire Performance Test	S.N 12.8(c) of IND/CQAFE/PROV/0196(a)
248	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	25% Drainage Time	Annex J of IS 4989

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	19 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
249	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Expansion	Annex J of is 4989
250	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Fire Test on Hydrocarbon fires non polar a) Fire Control Time b) Fire Extinction Time c) Sealability/Film Forming d) Burn Back	Annex K of IS 4989
251	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for Producing Mechanical Foam for Fire Fighting - Specification	Fire Test on polar solvent fires a) Fire Control Time b) Fire Extinction Time c) Sealability/ Film Forming d) Burn back	Annex M of IS 4989
252	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film	25% Drainage time	Cl. 8.1.7.6 of ICAO DOC9137-AN/898
253	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film	Expansion ratio of produced foam	Cl. 8.1.7.6 of ICAO DOC9137-AN/898
254	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film	Fire Fighting Performance requirements	Cl. 8.1.10 of ICAO DOC9137-AN/898
255	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrate for producing mechanical foam for fire fighting viz., Protein Foam, AFFF, Fluoroprotein Foam (conventional), Film Forming Fluoroprotein Foam (FFFP) and Synthetic Foam	Test Procedure	Cl. 8.1.9 of ICAO DOC9137-AN/898
256	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	FOAM CONCENTRATES	25% Drainage time	Cl. 2.3.3 and Appendix C of LASTFIRE FIRE TEST SPECIFICATION REVISION D AND REVISION B
257	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates	Expansion	Cl. No. 2.3.3 of LASTFIRE FIRE TEST SPECIFICATION REVISION D AND REVISION B
258	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates	Fire Test, Burn Back test and Vapour Sealing/ torch test	LASTFIRE FIRE TEST SPECIFICATION REVISION D AND REVISION B
259	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	25% Drainage Time	Annex J of IS 4989
260	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Burn Back Test	Annex K 2.3 of IS 4989

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	20 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
261	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Expansion	Annex J of IS 4989
262	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Film Formation	Annex H of IS 4989
263	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Fire Control	Annex K of IS 4989
264	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Fire Test	Annex K 2.2 of IS 4989
265	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Foam Concentrates for Producing Mechanical Foam for Fire Fighting viz. AFFF, Protein Foam, Film Forming Fluoro Protein Foam & Synthetic Foam	Seal ability	Annex K 2.3 of IS 4989
266	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Accessories of the Control Panel	Cl. 4.6 of IS 944
267	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Accessories of the Engine	Cl. 4.1 of IS 944
268	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Accessories of the trailer	Cl. 4.7 of IS 944
269	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Fuel System capacity and filling diameter	Cl. 4.2 of IS 944
270	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	General Requirement of Trailer Pump	Cl. 2.1 of IS 944
271	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Instruction Book, Accessories & Equipment Provided	Cl. 6 of IS 944
272	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Mass of the Completer Unit	Cl. 4.10 of IS 944
273	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Overall Dimensions	Cl. 2.2 of IS 944
274	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Performance, hydraulic pressure test & accessories of the pump	Cl. 4.3 of IS 944

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	21 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
275	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Primer Test	Cl. 4.4 of IS 944
276	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Stability of the Trailer Pump	Cl. 4.8 of IS 944
277	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Towing eye & Draw Bar	Cl. 4.9 of IS 944
278	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Transmission system and Vibration pads attached	Cl. 4.5 of IS 944
279	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 1800 lpm Trailer Pump for Fire Brigade Use	Workmanship & Finish	Cl. 5 of IS 944
280	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Capacity and Accessories of pump	Cl. 4.1.2 of IS 942
281	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Components and carrying capacity of the pump set	Cl. 2.1 of IS 942
282	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Control Panel Requirement	Cl. 4.1.7 of IS 942
283	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Engine Deign	Cl. 4.1.1 of IS 942
284	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Framework	Cl, 4.1.4 of IS 942
285	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Fuel Tank Capacity	Cl. 4.1.6 of IS 942
286	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Length of Suction Hose & Coupling	Cl. 4.1.5 of IS 942
287	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Primer	Cl. 4.1.3 of IS 942
288	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Tool & Instruction Book	Cl. 4.2 of IS 942

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	22 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
289	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Weight of Pump Set	Cl. 4.3 of IS 942
290	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirement for 275 l/min Portable Pump Set for Fire Fighting	Workmanship & Finish	Cl. 5 of IS 942
291	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Accessories of Control panel	Cl. 4.6 of IS 943
292	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Accessories of the Engine	Cl. 4.1 of IS 943
293	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Accessories of the trailer	Cl. 4.7 of IS 943
294	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Capacity and Components of Trailer Pump	Cl. 2.1 of IS 943
295	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Fuel system capacity and Filling arrangement	Cl. 4.2 of IS 943
296	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Instruction Book, Accessories and Equipment Provided	Cl. 6 of IS 943
297	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Mass of Complete Unit	Cl. 4.10 of IS 943
298	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Overall Dimension of Whole Unit ()	Cl. 2.2 of IS 943
299	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Performance, hydraulic pressure test & Accessories of the pump	Cl. 4.3 of IS 943
300	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Primer Test	Cl. 4.4 of IS 943
301	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Stability Test	Cl. 4.8 of IS 943
302	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Towing eye & Draw Bar	Cl. 4.9 of IS 943

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	23 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
303	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Transmission system and vibration pads attached	Cl. 4.5 of IS 943
304	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for 680 l/min Trailer Pump for Fire Brigade Use	Workmanship & Finish	Cl. 5 of IS 943
305	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Accessories of Engine	Cl. 4.1 of IS 10460
306	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Body work and stowage (Design)	Cl. 4.9 of IS 10460
307	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Compound tank and proportioner (design)	Cl. 4.7.1 and 4.7.2 of IS 10460
308	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Control panel electric system	Cl.4.2 of IS 10460
309	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Hand line	Cl. 4.7.4 of IS 10460
310	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Hose reel system	Cl. 4.4 of IS 10460
311	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Instruction book, accessories and equipment is provided	Cl 6 of IS 10460
312	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Performance of pump	Cl. 4.5 of IS 10460
313	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Primer Test	Cl. 4.6 of IS 10460
314	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Shape and Dimension	Cl. 5 of IS 10460
315	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Stability test	IS 10460
316	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Water tank	Cl. 4.3 of IS 10460

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	24 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
317	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for small foam tender for fire brigade use	Water/foam monitor	Cl. 4.7.3 of IS 10460
318	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Body Work and Stowage (Design)	Cl. 5.11 of IS 950
319	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Control Panel (Accessories)	Cl. 5.9 of IS 950
320	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Hose Reel s (HP, Length)	Cl. 5.4 of IS 950
321	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Miscellaneous (dimension & design)	Cl. 5.12 of IS 950
322	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Pipeline & Valve (Type & design)	Cl. 5.8 of IS 950
323	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Primer (Capacity)	Cl. 5.7 of IS 950
324	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Provision for Stowage of Equipments (Design)	Cl. 5.13 of IS 950
325	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Pump	Cl. 5.5 of IS 950
326	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Suction Inlet and Delivery Valves (Dimension and Capacity)	Cl. 5.6 of IS 950
327	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Water Tank (Capacity)	Cl. 5.3IS 950
328	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Water/Foam Monitor (Provided)	Cl. 5.10 of IS 950
329	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Functional Requirements for Water Tender, Type B for Fire Brigade Use	Workmanship & Finish (Def. Test)	Cl. 6 of IS 950
330	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Capacity & Contents	Cl. 6 of IS 4947

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	25 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
331	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Finish	Cl. 8 of IS 4947
332	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Marking	Cl. 9 of IS 4947
333	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Performance Requirement	Cl. 7 of IS 4947
334	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Shape & dimension	Cl. 3 of IS 4947
335	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Gas Cartridges for use in Fire Extinguishers	Shape & dimension	Cl. 5 of IS 4947
336	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Colour	Cl. 6.2 of IS 5290
337	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Finishing of Valves	Cl. 6.1 of IS 5290
338	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Flow Test	Cl. 7.3 of IS 5290
339	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Hydrostatic Pressure Test	Cl. 7.2 of IS 5290
340	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Marking	Cl. 8.1 of IS 5290
341	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Shape & Dimensions	Cl. 5.2 of IS 5290
342	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Types of Landing Valves	Cl. 5.1 of IS 5290
343	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Landing Valve	Water Tightness Test of Valve	Cl. 7.1 of IS 5290
344	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Class 'A' Fire Test Object	Cl. 8.1 of DIN EN 1866-1 (E)

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	26 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
345	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Class 'B' Fire Test Object	Cl. 8.2 of DIN EN 1866-1 (E)
346	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Colour	Cl. 6.9.1 of DIN EN 1866-1 (E)
347	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Components of Extinguisher	Cl. 5.2 of DIN EN 1866-1 (E)
348	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Control Valve	Cl. 6.5 of DIN EN 1866-1 (E)
349	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Damage of the Hose	Cl. 6.8.6.6 of DIN EN 1866-1 (E)
350	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Design of Filling Opening	Cl. 6.8.6.1 of DIN EN 1866-1 (E)
351	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Diameter of the two wheels	Cl. 6.8.6.2 of DIN EN 1866-1 (E)
352	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Discharge from Water based Extinguishers	Cl. 6.8.4 of DIN EN 1866-1 (E)
353	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Distance between the Handle & the Floor	CL. 6.8.6.4 of DIN EN 1866-1 (E)
354	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Duration of Operation	Cl. 6.3.1 of DIN EN 1866-1 (E)
355	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Effective Range of Operating Temperatures	Cl. 6.1 of DIN EN 1866-1 (E)
356	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	External Corrosion Test	Cl. 7.2.1 of DIN EN 1866-1 (E)
357	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Filling Tolerances	Cl. 6.2.2 of DIN EN 1866-1 (E)
358	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Hose & Coupling	Cl. 6.7 of DIN EN 1866-1 (E)

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	27 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
359	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Internal Corrosion Test for Water based Extinguishers	Cl. 7.2.2 of DIN EN 1866-1 (E)
360	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Marking	Cl.6.9.2 of DIN EN 1866-1 (E)
361	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Maximum allowable pressure (PS)	C. 3.3 of DIN EN 1866-1 (E)
362	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Maximum Residual Mass	Cl. 6.3.2 of DIN EN 1866-1 (E)
363	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Nominal Charges	Cl. 6.2.1 of DIN EN 1866-1 (E)
364	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Operating & Jet Control Mechanisms Devices	Cl. 6.8.2 of DIN EN 1866-1 (E)
365	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Operating Test of Pressure Gauge	Cl. 6.8.5.3 of DIN EN 1866-1 (E)
366	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Operation Device	Cl. 6.8.1 of DIN EN 1866-1 (E)
367	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Pressure at maximum Operating Temperature (PTSmax)	Cl. 3.1 of DIN EN 1866-1 (E)
368	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Requirements for the scale of pressure gauges	Cl. 6.8.5.2 of DIN EN 1866-1 (E)
369	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Safety Devices	Cl. 6.8.3 of DIN EN 1866-1 (E)
370	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Socket of Nozzle	Cl. 6.8.6.5 of DIN EN 1866-1 (E)
371	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Temperature Test	Cl. 7.1 of DIN EN 1866-1 (E)
372	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Type of Extinguisher	Cl. 5.1 of DIN EN 1866-1 (E)

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	28 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
373	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Width of the Tyres	Cl. 6.8.6.3 of DIN EN 1866-1 (E)
374	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Mobile Fire Extinguishers	Working Position	Cl. 6.6 of DIN EN 1866-1 (E)
375	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	25% Drainage Time	Annex G of IS 4989 (Part 4)
376	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Burn Back on n-Heptane	Annex K of IS 4989 (Part 4)
377	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Expansion of Foam	Annex F of IS 4989 (Part 4)
378	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Film Formation Test	E-5 Amendment No. 1 of IS 4989 (Part 4)
379	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Fire Control Time on n-Heptane	Annex J of IS 4989 (Part 4)
380	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Fire Extinction Time on n-Heptane	Annex J of IS 4989 (Part 4)
381	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Multipurpose Aqueous Film Forming Foam Liquid Concentrates for Extinguishing Hydrocarbon & Polar Solvent Fires	Fire Test Performance on Polar Solvent	Annex H of IS 4989 (Part 4)
382	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Bodies- Minimum Wall Thickness	Cl. 6.2.1 of BS EN 3-8
383	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Bodies- Requirement for the Base	Cl. 6.2.2 of BS EN 3-8
384	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Burst Test under pressure	Cl. 6.3.2 of BS EN 3-8

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	29 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
385	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Extinguishers	Cl. 9.3 of BS EN 3-8
386	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Marking (General)	Cl. 9.1 of BS EN 3-8
387	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Marking on body	Cl. 9.2 of BS EN 3-8
388	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Mechanical Strength test (Crushing Test for long bodies)	Cl. 6.3.3.2 of BS EN 3-8
389	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Mechanical Strength Test (Crushing test for short bodies)	Cl. 6.3.3.3 of BS EN 3-8
390	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Overfill Pressure Test	Cl. 6.4 of BS EN 3-8
391	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Pressure Test - Pressure Gauges and Pressure Indicators	Cl. 6.3.5 of BS EN 3-8
392	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Pressure Test (Test Pressure PT) - Bodies, Fitting and Assemblies	Cl. 6.3.4 of BS EN 3-8
393	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Resistance to Impact	Cl. 6.5 of BS EN 3-8
394	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Part-8:- Additional Requirement to EN 3-7 or the construction, resistance to pressure and mechanical tests for portable fire extinguishers with a maximum allowable pressure equal to or lower than 30 bar	Temperature Range	Cl. 6.1 of BS EN 3-8
395	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Cast Analysis	Cl. 9.2.1.5 of IS 15683

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	30 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
396	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Checking of Pressure Gauge	Cl. 9.11.2 of IS 15683
397	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Classification of Extinguisher	Cl. 4 of IS 15683
398	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Extinguishing Media	Cl. 5.1 of IS 15683
399	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	High Pressure Extinguishers	Cl. 9.1 of IS 15683
400	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Minimum Burst Pressure	Cl. 6.2 of IS 15683
401	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Operating Temperature Range	Cl. 7.1 of IS 15683
402	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Propellants	Cl. 5.2 of IS 15683
403	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance & Construction Specification	Test Pressure	Cl. 6.1 of IS 15683
404	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Air Oven Ageing	Cl. 9.7.1 of IS 15683
405	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Bottom of Extinguisher (Requirement)	Cl, 9.2.1.7 of IS 15683
406	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Burst Strength Test - Gauges and Indicators	Cl. 9.11.3 of IS 15683
407	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Burst Test	Cl. 9.2.2.1 to 9.2.2.6 of IS 15683
408	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Burst Test of Cap, Valve & Closure (Requirement)	Cl. 9.5.5 of IS 15683
409	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Calibration Test - Gauges and Indicators	Cl. 9.11.2 of IS 15683

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	31 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
410	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Capacities	Cl. 5.3.3 of IS 15683
411	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Caps, Valves & Closure	Cl. 9.5.1 of IS 15683
412	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Carrying Handle	Cl. 9.3.1 of IS 15683
413	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Class A Fire Test	Cl. 8.1.1, 8.2.2 a, & 8.3 of IS 15683
414	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Class B Test Fire	Cl. 8.1.2, 8.2.2 b & 8.4 of IS 15683
415	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Class D Test Fire	Cl. 8.1.4 & 8.5 of IS 15683
416	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Class F Test Fire	Cl. 8.1.5, 8.2.2 c, 8.6, 8.7.1 to 8.7.5 of IS 15683
417	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Colour (Shade Test)	Cl. 10.1 of IS 15683
418	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Crushing Test	Cl. 9.2.3.1 to 9.2.3.2 of IS 15683
419	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	External Corrosion Test	Cl. 7.6.1 of IS 15683
420	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Fill Density	Cl. 5.3.1 of IS 15683
421	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Filling Tolerance	Cl. 5.3.2 of IS 15683
422	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Impact Resistance	Cl. 9.7.2 of IS 15683
423	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Impact Resistance Test	Cl. 7.5.1.1 & 7.5.1.2 of IS 15683

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	32 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
424	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Indicated range of pressure (General Requirement)	Cl 9.11.1 of IS 15683
425	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Intermittent Discharge Test	Cl. 7.8.1 & 7.8.2 of IS 15683
426	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Internal Corrosion Test	Cl. 7.6.2 of IS 15683
427	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Leakage Test	Cl. 7.4.2 of IS 15683
428	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Maximum Service Pressure	Cl, 3.6 & 9.2.1.8 of IS 15683
429	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Measure Thickness of the Cylinder	Cl. 9.2.5.3, 9.2.6.3 & 9.2.7 of IS 15683
430	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Method of Operation	Cl. 9.9 of IS 15683
431	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Minimum Effective Discharge Time & Bulk Range Discharge	Cl. 3.8, 7.2.1, 7.2.2 & 7.2.3 of IS 15683
432	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Mounting	Cl. 9.4 & 9.4.1 of IS 15683
433	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Neck ring (Construction Requirement)	Cl. 9.2.1.4 of IS 15683
434	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Pressure Cycling Test	Cl. 9.2.4 of IS 15683
435	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Burst Pressure of Hose Assemblies	Cl. 9.8.4 of IS 15683
436	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Collar	Cl. 9.5.4 of IS 15683
437	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Dip-Tubes and Filters	Cl. 9.12 of IS 15683

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	33 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
438	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Edges & Surfaces	Cl. 9.5.6 of IS 15683
439	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Filling Opening	Cl. 9.5.3 of IS 15683
440	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Handle Clearance	Cl. 9.3.3 of IS 15683
441	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Handle Length	Cl. 9.3.2 of IS 15683
442	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Hanger Loop	Cl. 9.4.6 of IS 15683
443	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Horn for Carbon Dioxide Extinguisher	Cl. 9.13 of IS 15683
444	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Hose & Coupling System	Cl. 9.8.2 of IS 15683
445	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Hose Assemblies	Cl. 9.8 & 9.8.1 of IS 15683
446	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Mounting Bracket	Cl. 9.4.3 & 9.4.4 of IS 15683
447	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of mounting hook	Cl. 9.4.2 of IS 15683
448	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Safety Device Material	Cl. 9.10.2 of IS 15683
449	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Safety-Locking Pin or Other Device	Cl 9.10.3, 9.10.4, 9.10.5 & 9.10.6 of IS 15683
450	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Strap	Cl. 9.4.5 of IS 15683
451	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Threaded Connections on Cylinder	Cl. 9.5.2 of IS 15683

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	34 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
452	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of Welding	Cl. 9.2.1.3 of IS 15683
453	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Requirement of withstanding Hydrostatic Pressure of Hose Assemblies	Cl. 9.8.4 of IS 15683
454	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Resistance to Temperature Changes	Cl. 7.3.1 & 7.3.2 of IS 15683
455	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Retention of Charge Following Partial Discharge	Cl. 7.4.1.1 & 7.4.1.2 of IS 15683
456	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Safety Device	Cl. 9.6 of IS 15683
457	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Safety-Locking Devices	9.10 & 9.10.1 of IS 15683
458	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Service Pressure	Cl. 3.5 & 9.2.1.1 of IS 15683
459	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Stand vertically upright position (Requirement)	Cl. 9.2.1.2 of IS 15683
460	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Tapping Test	Cl. 7.7.1 to 7.7.3 of IS 15683
461	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Test for Exposure to Extinguishing Medium ()	Cl. 9.7.3 of IS 15683
462	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Thread of Plastic Component	Cl. 9.2.1.6 of IS 15683
463	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Vibration Resistance Test	Cl. 7.5.2.1 to 7.5.2.5 of IS 15683
464	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers - Performance and Construction - Specification	Water Resistance Test - Gauges and Indicators	Cl 9.11.4 of IS 15683
465	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Method	Maximum Pressure at Maximum Operating Temperature	Cl. 3.15 of EN 3-7:2004+A1

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	35 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
466	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Class 'F' Fire Rating	Cl. 15.4 of EN 3-7:2004+A1
467	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Colour	Cl. 16.1 of EN 3-7:2004+A1
468	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Commencement of Discharge	Cl. 7.3 of EN 3-7:2004+A1
469	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Control Discharge	Cl. 4.2 of EN 3-7:2004+A1
470	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Control Valve	Cl. 10.6 of EN 3-7:2004+A1
471	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Design of Filling Opening	Cl. 6.3 of EN 3-7:2004+A1
472	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Duration of Operation, Minimum Duration, Spread Measurement	Cl. 7 of EN 3-7:2004+A1
473	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Effective range of Operating Temperature	Cl. 7.4 of EN 3-7:2004+A1
474	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Filling Tolerance	Cl. 6.2 of EN 3-7:2004+A1
475	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Filter for Water based Portable Fire Extinguisher	Cl. 10.4 of EN 3-7:2004+A1
476	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Fire Performance Test for Class 'A' Fire Rating	Cl. 15.2 of EN 3-7:2004+A1
477	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Fire Performance Test for Class 'B' Fire Rating & Polar Solvent	Cl. 15.3 of EN 3-7:2004+A1
478	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Horn for Carbon di oxide Portable Fire Extinguishers	Cl. 12 of EN 3-7:2004+A1
479	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Hose Assembly	Cl. 4.4 of EN 3-7:2004+A1

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	36 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
480	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Hose Coupling System	Cl. 10.5 of EN 3-7:2004+A1
481	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Marking	Cl. 16.2 of EN 3-7:2004+A1
482	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Minimum Fire Rating	Cl. 6.4 of EN 3-7:2004+A1
483	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Nominal Charge	Cl. 6.1 of EN 3-7:2004+A1
484	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Operating Position	Cl. 4.3 of EN 3-7:2004+A1
485	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Operation & Emission Control Mechanism/ Devices	Cl. 10.2 of EN 3-7:2004+A1
486	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Portable Fire Extinguisher Mounting Bracket	Cl. 13 of EN 3-7:2004+A1
487	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Pressure Gauge	Cl. 11 of EN 3-7:2004+A1
488	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Residual Charge	Cl. 7.2 of EN 3-7:2004+A1
489	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Resistance to External Corrosion	Cl. 14.1 of EN 3-7:2004+A1
490	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Resistance to Extinguishing Medium of Extinguishers using Water based Media	Cl. 14.2 of EN 3-7:2004+A1
491	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Safety Device	Cl. 10.3 of EN 3-7:2004+A1
492	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Testing of Portable Fire Extinguisher	Cl. 5 of EN 3-7:2004+A1
493	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Fire Extinguishers Part-7, Characteristics, Performance Measurements & Test Methods	Use of extinguisher (General Requirement)	Cl. 10.1 of EN 3-7:2004+A1

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	37 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
494	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Rating and Fire Testing of Fire Extinguishers	Class - A Extinguishers - Wood crib Fire Test	Cl. 7.1, 7.2 & 7.3 of UL-711
495	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Rating and Fire Testing of Fire Extinguishers	Class B Extinguishers - Flammable Liquid Fire Test	Cl. 8.1 & 8.2 of UL-711
496	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Rating and Fire Testing of Fire Extinguishers	Class K Extinguishers - Kitchen Fire Test (Vegetable Oil Fire Test)	Cl. 11.1 & 11.2 of UL-711
497	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Revolving Branch Pipe for Fire Fighting	Dimension & Construction	Cl. 4.1 of IS 906
498	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Revolving Branch Pipe for Fire Fighting	Finish	Cl. 5.1 of IS 906
499	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Revolving Branch Pipe for Fire Fighting	Marking	Cl. 7 of IS 906
500	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Revolving Branch Pipe for Fire Fighting	Performance Requirement	Cl. 6 of IS 906
501	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Branch Pipe, Universal for Fire Fighting Purpose	Hydraulic Test	Cl. 6.1 of IS 2871
502	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Branch Pipe, Universal for Fire Fighting Purpose	Marking	Cl. 7 of IS 2871
503	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Branch Pipe, Universal for Fire Fighting Purpose	Operational Test	Cl. 6.2 of IS 2871
504	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Branch Pipe, Universal for Fire Fighting Purpose	Shape & Dimension	Cl. 4 of IS 2871
505	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Branch Pipe, Universal for Fire Fighting Purpose	Workmanship & Finish	Cl. 5 of IS 2871
506	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Combined Key for Hydrant, Hydrant Cover & Lower Valve	Marking	Cl. 5 of IS 910
507	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Combined Key for Hydrant, Hydrant Cover & Lower Valve	Shape & Dimension	Cl. 3 of IS 910

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	38 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
508	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Combined Key for Hydrant, Hydrant Cover & Lower Valve	Workmanship	Cl. 4.1 of IS 910
509	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Change in Size	Cl. 14.1 & 14.2 of IS 8423
510	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Coil Diameter (Machine Coiled)	Cl. 6.1 of IS 8423
511	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Evenness of Wetting Out	Cl. 9.1 of IS 8423
512	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Flammability	Cl. 12.1 of IS 8423
513	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Hydrostatic Bursting Pressure	Cl. 11.1 of IS 8423
514	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Hydrostatic Proof Pressure	Cl. 10.1 of IS 8423
515	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Internal Diameter	Cl. 4.1 & 4.1.1 of IS 8423
516	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Kink Test	Cl. 13.1 of IS 8423
517	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Length	Cl. 5.1 of IS 8423
518	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Marking	Cl. 16.1 & 16.2 of IS 8423
519	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Mass	Cl. 7.1 of IS 8423
520	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Controlled Percolating Hose for Fire Fighting	Percolation	Cl. 8.1 & 8.1.1 of IS 8423
521	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Construction of Branch Pipe	Cl. 6.2 of IS 8090

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	39 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
522	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Construction of Coupling	Cl. 5.1 of IS 8090
523	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Construction of Nozzle	Cl. 7.2 of IS 8090
524	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Dimension of Nozzle	Cl. 7.1 of IS 8090
525	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Hydraulic Test	Cl. 7.3 of IS 8090
526	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Hydraulic Test Requirement of Branch Pipe	Cl. 6.3 of IS 8090
527	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Hydraulic Test Requirement of Coupling	Cl. 5.3 of IS 8090
528	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Marking	Cl. 9 of IS 8090
529	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Shape & Dimension of Branch Pipe	Cl. 6.1 of IS 8090
530	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Washers	Cl. 5.2 of IS 8090
531	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Branch Pipe, Nozzle used in Hose Reel Tubing for Fire Fighting	Workmanship & Finish	Cl. 4.1 of IS 8090
532	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Double male and Double female instantaneous pattern for fire fighting	Dimension	Cl. 3.1 of IS 901
533	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Double male and Double female instantaneous pattern for fire fighting	Hydraulic Test	Cl. 4.1 of IS 901
534	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Double male and Double female instantaneous pattern for fire fighting	Marking	Cl. 6.1 of IS 901
535	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Couplings, Double male and Double female instantaneous pattern for fire fighting	Workmanship and Finish	Cl. 5.1 of IS 901

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	40 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
536	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Assembling	Cl. 5 of IS 8096
537	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Components	Cl. 4 of IS 8096
538	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Length	Cl. 7.1 of IS 8096
539	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Marking	Cl. 9 of IS 8096
540	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Mass	Cl. 7.2 of IS 8096
541	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Painting	Cl. 7.3 of IS 8096
542	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Testing (Repeated Drop Test)	Cl. 8 of IS 8096
543	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Beaters	Workmanship	Cl. 6.1 of IS 8096
544	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Dimension	Cl. 4.3 of IS 15381
545	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Fire Performance	Cl. 6, Annex-C & Annex-D of IS 15381
546	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Force (Stowed & Packed unfold Condition)	Cl. 4.6 of IS 15381
547	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Hand holding device	Cl. 4.2 & Annex A IS 15381
548	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Marking	Cl. 9 of IS 15381
549	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Mass	Cl. 4.4 of IS 15381

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	41 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
550	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Materials (Thickness of as Bestris Cloth & Stiching pattern)	Cl. 3 of IS 15381
551	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Nos. of Pieces & Stiching Design	IS 15381
552	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Nos. of sheets & stitching pattern	Cl. 4 of IS 15381
553	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Rolled Test	Cl. 4.5 of IS 15381
554	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Blanket	Workmanship & Finish	Cl. 7 of IS 15381
555	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hooks	Handle (Length)	Cl. 2.2 of IS 927
556	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hooks	Marking	Cl. 6 of IS 927
557	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hooks	Performance Test	Cl. 5.1 of IS 927
558	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hooks	Shape & Dimension	Cl. 3.1 of IS 927
559	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hooks	Workmanship & Finish	Cl. 4 of IS 927
560	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hose Clamps & Hose Bandages for Fire Brigade Use	Leaking test	Cl. 6.1 of IS 5612 (Part II)
561	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hose Clamps & Hose Bandages for Fire Brigade Use	Components of hose bandages	Cl. 2.1 of IS 5612 (Part II)
562	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hose Clamps & Hose Bandages for Fire Brigade Use	Marking	Cl. 7 of IS 5612 (Part II)
563	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hose Clamps & Hose Bandages for Fire Brigade Use	Shape & Dimension	Cl. 4.1 of IS 5612 (Part II)

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	42 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
564	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hose Clamps & Hose Bandages for Fire Brigade Use	Workmanship & Finish	Cl. 5.1 of IS 5612 (Part II)
565	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Coating	Cl. 6 of IS 908
566	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Hydrostatic Test Requirement	Cl. 5.1 of IS 908
567	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Marking	Cl. 9 of IS 908
568	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Painting	Cl. 7.1 of IS 908
569	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Type & Accessories	Cl. 2.1 of IS 908
570	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fire Hydrant, Stand Post Type	Workmanship & Finish	Cl. 4.1 of IS 908
571	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fireman Axe	Marking	Cl. 7 of IS 926
572	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fireman Axe	Performance Test	Cl. 6 of IS 926
573	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fireman Axe	Shape, Dimension & Construction	Cl. 4 of IS 926
574	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fireman Axe	Workmanship & Finish	Cl.5 of IS 926
575	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Foam Making Branch Pipe	General	Cl. 2.1 of IS 2097
576	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Foam Making Branch Pipe	Marking	Cl. 6 of IS 2097
577	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Foam Making Branch Pipe	Performance Requirement	Cl. 5 of IS 2097

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	43 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
578	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Foam Making Branch Pipe	Types	Cl. 3.1 of IS 2097
579	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fog Nozzle use in Fire Brigade	Marking	Cl. 7 of IS 952
580	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fog Nozzle use in Fire Brigade	Performance Requirements	Cl. 5.1, 5.2 & 5.3 of IS 952
581	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fog Nozzle use in Fire Brigade	Shape & Dimension	Cl. 4 ofIS 952
582	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Fog Nozzle use in Fire Brigade	Workmanship & Finish	Cl. 6 of IS 952
583	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Body	Cl. 4.1 of IS 2546
584	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Bottom ()	Cl. 4.2 of IS 2546
585	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Bottom Handle	Cl. 4.5 of IS 2546
586	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Colour of Paint	Cl. 2.4 of IS 2546
587	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Ear	4.3 of IS 2546
588	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Finishing	Cl. 5 of IS 2546
589	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Labeling	Cl. 5.3.1 of IS 2546
590	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Marking	Cl. 9 of IS 2546
591	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Performance Requirements	Cl. 6 of IS 2546

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	44 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
592	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Shape and Essential Dimension	Cl. 3 of IS 2546
593	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Top Handle	Cl. 4.4 of IS 2546
594	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Galvanized Mild Steel Fire Bucket	Welding requirements	Cl. 4.6 of IS 2546
595	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Hydrand Stand Pipe for Fire Fighting	Components of hydrant stand pipe	Cl. 2.1 of IS 5714
596	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Hydrand Stand Pipe for Fire Fighting	Finish	Cl. 5 of IS 5714
597	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Hydrand Stand Pipe for Fire Fighting	Marking	Cl. 7 of IS 5714
598	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Hydrand Stand Pipe for Fire Fighting	Performance Requirement	Cl. 6 of IS 5714
599	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Hydrand Stand Pipe for Fire Fighting	Types & Dimension	Cl.4 of IS 5714
600	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Abrasion Resistance	Cl. 6.12 of IS 636
601	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Accelerated Ageing Test	Cl. 6.11.2 of IS 636
602	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Adhesion Test	Cl. 6.11.1 of IS 636
603	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Change in Diameter	Cl. 6.10 of IS 636
604	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Change in Length	Cl. 6.9 of IS 636
605	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Coil Diameter	Cl. 6.5 of IS 636

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	45 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
606	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Heat Resistance	Cl. 6.14 of IS 636
607	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Hydrostatic Burst Pressure Test	Cl. 6.7 of IS 636
608	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Hydrostatic Proof Pressure Test	Cl. 6.6 of IS 636
609	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Internal Diameter	Cl. 6.2 of IS 636
610	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Kink Test	Cl. 6.8 of IS 636
611	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Length	Cl. 6.3 of IS 636
612	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Mass	Cl. 6.4 of IS 636
613	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Oil Resistance Test (For Type 3 Only)	Cl. 6.15 of IS 636
614	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Water Pick up/ Moisture Absorption (For Type 2 and Type 3 Only)	Cl. 6.13 of IS 636
615	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Non-Percolating Flexible Fire Fighting Delivery Hose	Workmanship	Cl. 6.1.3 of IS 636
616	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Suction Strainers, Cylindrical Type for Fire Fighting Purposes	Marking	Cl. 6 of IS 907
617	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Suction Strainers, Cylindrical Type for Fire Fighting Purposes	Shape & Dimension	Cl. 3 of IS 907
618	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Suction Strainers, Cylindrical Type for Fire Fighting Purposes	Workmanship & Finish	Cl. 5 of IS 907
619	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Adhesion	Cl. 4.3.2 of IS 12585

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	46 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
620	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Dimension & Tolerance	Cl. 4.2 of IS 12585
621	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Loss of Mass on Heating	Cl. 4.3.1 of IS 12585
622	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Low Temperature Flexibility	Cl. 4.3.5 of IS 12585
623	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Marking	Cl. 5 of IS 12585
624	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Minimum Bend Radius	Cl. 4.3.4 of IS 12585
625	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Pressure Requirements	Cl. 4.3.3 of IS 12585
626	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Thermoplastic Hoses (Textile Reinforced) For Water-General Purpose	Requirements (Physical Test of Lining, Reinforcement & Cover)	Cl. 4.1 of IS 12585
627	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Change in Diameter	Cl. 9.2 of IS 4927
628	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Change in Length	Cl. 9.1 & 9.1.1 of IS 4927
629	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Flexibility (Coil Diameter)	Cl. 7.1 of IS 4927
630	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Hydrostatic Burst Pressure Test	Cl. 11.1 of IS 4927
631	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Hydrostatic Proof Pressure	Cl. 10.1 of IS 4927
632	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Lengths	Cl. 5.1 of IS 4927
633	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Marking	Cl. 13.1 of IS 4927

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	47 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
634	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Mass/metre	Cl. 6.1 of IS 4927
635	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Material (Alkali Solubility Test of Flex Yarn)	Cl. 3 of IS 4927
636	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Percolation	Cl. 8.1 of IS 2546
637	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification for Unlined Flax Canvass Hose for Fire Fighting	Size & Tolerance	Cl. 4.1 & 4.2 of IS 4927
638	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification of 2-way & 3-way Suction Collecting Heads for Fire Fighting Purpose	Finish	Cl. 4.1 of IS 904
639	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification of 2-way & 3-way Suction Collecting Heads for Fire Fighting Purpose	Hydraulic Test	Cl. 5.1 of IS 904
640	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification of 2-way & 3-way Suction Collecting Heads for Fire Fighting Purpose	Marking	Cl. 6 of IS 904
641	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Specification of 2-way & 3-way Suction Collecting Heads for Fire Fighting Purpose	Shape & Dimension	Cl. 3.1 of IS 904
642	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Anti Corrosive Treatment	Cl. 7 of IS 8442
643	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Leakage Test	Cl. 10 of IS 8442
644	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Marking	Cl. 12 of IS 8442
645	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Nozzle Spanner (Accessories)	Cl. 11 of IS 8442
646	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Painting	Cl. 8 of IS 8442
647	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Performance Requirement	Cl. 9 of IS 8442

SCOPE OF ACCREDITATION

Laboratory Name : FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5659 **Page No** 48 of 52

Validity 01/04/2022 to 31/03/2024 **Last Amended on** 06/04/2023

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
648	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Size, dimension & accessories of monitor	Cl. 5 of IS 8442
649	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Stand Post Type Water & Monitor for Fire Fighting	Workmanship & Finish	Cl. 6 of IS 8442
650	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Dimension of Locking ring & coupling	Cl. 5.1 of IS 902
651	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Hydraulic Test	Cl. 8.1 of IS 902
652	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Marking	Cl. 9 of IS 902
653	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Round Threads for Male Coupling and Nut	Cl. 5.2 of IS 902
654	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Shape & Dimension	Cl. 4.1 of IS 902
655	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Thread for Locking Ring and Nut	Cl. 5.3 of IS 902
656	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Suction Hose Coupling For Fire Fighting Purpose	Workmanship and Finish	Cl. 7 of IS 902
657	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Coating of Parts other than Sluice Valve	Cl. 8 of IS 909
658	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Construction & Dimension	Cl. 6 of IS 909
659	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Finish	Cl. 7 of IS 909
660	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Marking	Cl. 12 of IS 909
661	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Painting	Cl 9 of IS 909

SCOPE OF ACCREDITATION

Laboratory Name :	FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	49 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
662	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Performance Requirement ()	Cl. 10 of IS 909
663	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Underground Fire Hydrant, Sluice Valve Type	Road Surface Box	Cl. 5 of IS 909
664	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Bulk Range	Cl. 6.2.2 of IS 16018
665	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Burst Pressure	Cl. 3.4 of IS 16018
666	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Burst Test	Cl. 8.3.1 of IS 16018
667	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Caps, Valves & Closure	Cl. 8.7.1 of IS 16018
668	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Class 'A' Test Fire	Cl. 7.1.1 & 7.2 of IS 16018
669	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Class 'B' Test Fire	Cl. 7.1.2 & 7.3 of IS 16018
670	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Construction Requirements of High-Pressure Extinguishers	Cl. 8.2 of IS 16018
671	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Deformation Test	Cl. 8.3.2 of IS 16018
672	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Discharge Assembly	Cl. 8.11 of IS 16018
673	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	External Corrosion Test	Cl. 6.6.1 of IS 16018
674	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Extinguishers Method of Operation	Cl. 8.14 of IS 16018
675	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Fill Density	Cl. 5.3 of IS 16018

SCOPE OF ACCREDITATION

Laboratory Name : FIRE TEST & RESEARCH LABORATORY, 9TH MILESTONE, SONIPAT - GOHANA ROAD, VILL. & P.O. RATTANGARH, SH-11, SONIPAT, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5659 **Page No** 50 of 52

Validity 01/04/2022 to 31/03/2024 **Last Amended on** 06/04/2023

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
676	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Filling Tolerance	Cl. 5.4 of IS 16018
677	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Intermittent Discharge Test	Cl. 6.5 of IS 16018
678	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Internal Corrosion Test	Cl. 6.6.2 of IS 16018
679	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Leakage observation	Cl. 8.1.2 of IS 16018
680	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Low Pressure Cylinder	Cl. 8.9.1 of IS 16018
681	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Maximum Service Pressure	Cl. 8.1.1 of IS 16018
682	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Maximum Service Pressure (Pms)	Cl. 3.16 of IS 16018
683	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Minimum Effective Discharge Time	Cl. 6.2.1 of IS 16018
684	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Minimum Effective Discharge Time for Class 'A' & Class 'B' rated Extinguishers	Cl. 6.2.1.2 & 6.2.1.3 of IS 16018
685	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Minimum Wall Thickness	Cl. 8.6 of IS 16018
686	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Part Attached to body of cylinder (Stress & corrosion)	Cl. 8.1.4 of IS 16018
687	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Plastic Component	Cl. 8.10.1 of IS 16018
688	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Pressure Cycling Test	Cl. 8.3.3 of IS 16018
689	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Burst Pressure of Hose Assemblies	Cl. 8.11.3 of IS 16018

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	51 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
690	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Burst Test of Cap, Valve & Closure	Cl. 8.7.5 of IS 16018
691	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Collar	Cl. 8.7.4 of IS 16018
692	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Dip-Tubes & Filters	Cl. 8.17 of IS 16018
693	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of edges & surfaces	Cl. 8.7.6 of IS 16018
694	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Filling Opening	Cl. 8.7.3 of IS 16018
695	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of hose & coupling system	Cl. 8.11.2 of IS 16018
696	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of threaded connections on cylinder	Cl. 8.7.2 of IS 16018
697	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Requirement of Welding	Cl. 8.1.3 of IS 16018
698	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Resistance to Temperature Changes	Cl. 6.3 of IS 16018
699	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Retention of Charge Following Partial Discharge	Cl. 6.4 of IS 16018
700	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Safety & Anti-overfill devices	Cl. 8.8 of IS 16018
701	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Safety-Locking Device	Cl. 8.15 of IS 16018
702	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Service Pressure (Ps)	Cl. 3.19 of IS 16018
703	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Special Requirement for CO2	Cl. 8.13 of IS 16018

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5659	**Page No**	52 of 52
Validity	01/04/2022 to 31/03/2024	**Last Amended on**	06/04/2023

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
704	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Test Pressure	Cl. 3.20 of IS 16018
705	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguisher	Thread of Plastic Components	Cl. 8.1.6 of IS 16018
706	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Carriage Assembly (Mobility Test)	Cl. 8.18.1 & 8.18.2 of IS 16018
707	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Colour Test	Cl. 9.1 of IS 16018
708	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Control Valve Test	Cl. 8.12 of IS 16018
709	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Drain Plug	Cl. 8.1.7 of IS 16018
710	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Gross Mass	Cl. 5.5.2 of IS 16018
711	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Hose Retaining Unit	Cl. 8.18.3 of IS 16018
712	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Leakage Test	Cl. 8.9.2 of IS 16018
713	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Wheeled Fire Extinguishers	Nominal Charges	Cl. 5.5.1 of IS 16018