National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	UL INDIA PRIVATE LIMITED, UL-JAIN FIRE LABORATORY, JAIN UNIVERSITY GLOBAL CAMPUS, JAKKASANDRA, KANAKPURA TALUK, RAMANAGARA, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	1 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Interfacial Tension	IS:4989, Annex G
2	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Miscibility	IS:4989, Annex D
3	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	pH	IS:4989, Annex B ICAO Doc 9137-AN/898, Part 1, Fourth Edition Chapter 8, Section 8.1.5
4	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Pour Point	IS:4989, Annex E
5	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Sludge Content	IS:4989, Annex F; ICAO Doc 9137-AN/898, Part 1, Fourth Edition Chapter 8, Section 8.1.5
6	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Specific Gravity	IS:4989, Annex C
7	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Spreading Coefficient	IS:4989, Annex G
8	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Surface Tension	IS:4989, Annex G
9	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Viscosity	SOP 12-LO-W1013; ICAO Doc 9137-AN/898, Part 1, Fourth Edition Chapter 8, Section 8.1.5
10	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Visual Examination	IS 4989, Annex A-1
11	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Pour Point	IS:4989, Annex E
12	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Interfacial Tension	IS:4989, Annex G

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	2 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

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13	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	pH	IS 4989, Annex B
14	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Specific Gravity	IS 4989, Annex C
15	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Spreading Coefficient	IS:4989, Annex G
16	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Surface Tension	IS:4989, Annex G
17	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting A,B and C Class Fires	Hygroscopicity	IS 4308, Annex D
18	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting A,B and C Class Fires	Moisture Content	IS 4308, Annex F
19	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting A,B and C Class Fires	Water Repellency	IS 4308, Annex E
20	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting B and C Class Fires	Chemical Content	IS 4308, Annex A
21	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting B and C Class Fires	Hygroscopicity	IS 4308, Annex D
22	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting B and C Class Fires	Moisture Content	IS 4308, Annex F
23	CHEMICAL- FIRE FIGHTING EQUIPMENTS & ACCESSORIES	Dry Chemical Powder for Fighting B and C Class Fires	Water Repellency	IS 4308, Annex E
24	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Electronics & Protection (Dry running, Open circuit, Short circuit, Reverse polarity)	Cl VI of MNRE Specification for Solar PV Water Pumping Systems for Drinking water application under JNNSM (2014-2015)
25	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Electronics and protection (Dry running, Open circuit, Short circuit, Reverse polarity)	Cl VI of MNRE Specification for Solar PV Water Pumping Systems for Micro pumping application (2016-2017):

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	3 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

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26	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Marking Inspection	Cl IV of MNRE Specification for Solar PV Water Pumping Systems for Drinking water application under JNNSM (2014-2015)
27	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Marking inspection	Cl IV of MNRE Specification for Solar PV Water Pumping Systems for Micro pumping application (2016-2017)
28	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Measurement of Rate of Flow	Cl 6.3 of MNRE Guideline on Testing Procedure , Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019:
29	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Per Day Water Flow Test of submersible pumps & Per Day Water Flow Test of Surface Pumps	Cl 8.1 & 8.2 of MNRE Guideline on Testing Procedure, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
30	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Performance specification and requirements	Cl II of MNRE Specification for Solar PV Water Pumping Systems for Drinking water application under JNNSM (2014-2015)
31	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Performance specification and requirements	Cl II of MNRE Specification for Solar PV Water Pumping Systems for Micro pumping application (2016-2017)
32	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Protections test/verification (Dry running, Open circuit, Short circuit, Reverse polarity)	Cl 5 of MNRE Testing procedure Guideline, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
33	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Pumping system performance tests: P- Q curve, H-Q curve, P-G curve, T-G curve (Cold profile simulation)	IEC 62253 Ed 1.0, Cl 5, 5.3.2, 5.3.3, 5.3.4, 6.6, 6.7
34	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Pumping system performance tests: P- Q curve, H-Q curve, P-G curve, T-G curve (Hot profile simulation)	IEC 62253 Ed 1.0, Cl 5, 5.3.2, 5.3.3, 5.3.4, 6.6, 6.7

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	4 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

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35	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Remote Monitoring System Verification	Cl 5.3 of MNRE Guideline on Testing Procedure, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
36	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Shut off Head	Cl 4.1 of MNRE Specification Annexure-I of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
37	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Simulator (Electrical) Testing • Cold profile test	Cl 4.6 & 5.1 of MNRE Specification and Guideline, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
38	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Simulator (Electrical) Testing • Hot profile test	Cl 4.6 & 5.1 of MNRE Specification and Guideline, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
39	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Solar Radiation Measurement	Cl 6.1 of MNRE Guideline on Testing Procedure, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dt 17.07.2019
40	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Sump Well (Hydraulic Testing) • Outdoor condition using Sun radiation	Cl 4.7 & 5.2 of MNRE Specification, Guideline, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division DT 17.07.2019
41	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Sump Well (Hydraulic Testing) • Outdoor condition using Sun radiation	Cl II of MNRE Specification for Solar PV Water Pumping Systems for Drinking water application under JNNSM (2014-2015)
42	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Standalone/Off grid Solar PV Water Pumping System with Motor pump set, SPV Controller and Solar PV modules	Sump Well (Hydraulic Testing) • Outdoor condition using Sun radiation	Cl II of MNRE Specification for Solar PV Water Pumping Systems for Micro pumping application (2016-2017)
43	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters (SPV controllers, Solar Pump controllers)	Dynamic MPPT Efficiency	EN 50530, Cl 4.4
44	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters (SPV controllers, Solar Pump controllers)	Efficiency Measurement- Efficiency calculations, Loss measurement	IEC 61683, Cl 4, 5 & 7

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8159 **Page No** 5 of 8

Validity 30/11/2021 to 29/11/2023 **Last Amended on** 11/05/2022

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45	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters (SPV controllers, Solar Pump controllers)	Overall Efficiency	EN 50530, Cl 5
46	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters (SPV controllers, Solar Pump controllers)	Static MPPT Efficiency	EN 50530, Cl 4.3
47	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters (SPV controllers, Solar Pump controllers)	Static Power conversion Efficiency	EN 50530, Cl 4.5
48	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	25% Drain Time	IS 4989, Annex-J; ICAO DOC 9137 – AN/898 Clause 8.1.7.6
49	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	25% reignition time (Burn back resistance period)	ICAO DOC 9137 – AN/898 Table 8.1
50	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Burn Back Test	IS 4989, Annex-K 11
51	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Expansion	IS 4989, Annex-J; ICAO DOC 9137 – AN/898 Clause 8.1.7.6
52	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Fire Control	IS 4989, Annex-K
53	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Fire Extinction test	ICAO DOC 9137 – AN/898 Table 8.1
54	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Fire Performance Test	ICAO DOC 9137 – AN/898 Table 8-1, Section 8.1.8, 8.1.9 and 8.1.10
55	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Fire Test	IS 4989, Annex-K 9
56	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	a) Aqueous Film Forming Foam (AFFF). b) Protein Foam c) Film Forming Fluoro Protein d) Synthetic Foam	Sealability	IS 4989, Annex-K 10
57	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	25% Drain Time	IS 4989, Annex –J
58	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Burn Back Test	IS 4989, Annex- M-11

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	6 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

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59	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Expansion	IS 4989, Annex-J
60	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Fire Control	IS 4989, Annex- M
61	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Alcohol Resistance Aqueous Film Form Foam (AR-AFFF) a) 3 x 3 b) 3 x 6	Fire Test	IS 4989, Annex-M
62	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting A,B, C Class Fires	Apparent Density	IS 4308, Annex B
63	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting A,B, C Class Fires	Foam Compatibility	IS 4308, Annex H
64	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting A,B, C Class Fires	Free Flowing Characteristics	IS 4308, Annex G
65	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting A,B, C Class Fires	Particle Size Distribution (Sieve Analysis)	IS 4308, Annex C
66	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting B and C Class Fires	Apparent Density	IS 4308, Annex B
67	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting B and C Class Fires	Foam Compatibility	IS 4308, Annex H
68	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting B and C Class Fires	Free Flowing Characteristics	IS 4308, Annex G
69	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Dry Chemical Powder for Fighting B and C Class Fires	Particle Size Distribution (Sieve Analysis)	IS 4308, Annex C
70	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Impact resistance test (Mechanical resistance)	IS 15683, CL-7.5.
71	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Internal Corrosion Test	IS 15683, CL-7.6.2
72	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Leakage Test (Type Test)	IS 15683, CL-7.4.2

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8159 **Page No** 7 of 8

Validity 30/11/2021 to 29/11/2023 **Last Amended on** 11/05/2022

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73	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Method of Operation	IIS 15683, CL-9.9
74	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Minimum Burst pressure	IS 15683, CL-6.2
75	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Minimum effective discharge time for Class A rated Extinguishers	IS 15683, CL-7.2.1
76	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Minimum effective discharge time for Class B rated Extinguishers	IS 15683, CL-7.2.2
77	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Pressure Cycling Test	IS 15683, CL-9.2.4
78	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Requirement of mounting bracket	IS 15683, CL-9.4.3&9.4.4
79	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Requirement of safety-locking pin or other device	IS 15683, CL-9.10.6
80	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Resistance to temperature changes	IS 15683, CL-7.3
81	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Retention of charge following partial discharge	IS 15683, CL-7.4.1
82	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Safety –locking device	IS 15683, CL-9.10 & 9.10.1
83	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Tapping Test (Type Test)	IS 15683, CL-7.7
84	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers	Test pressure	IS 15683, CL-6.1
85	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Bulk Range Throw	IS 15683, CL-7.2.3
86	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Burst test	IS 15683, CL-9.2.2.1 to 9.2.2.6

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8159	**Page No**	8 of 8
Validity	30/11/2021 to 29/11/2023	**Last Amended on**	11/05/2022

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87	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Class A Test Fire	IS 15683, CL- 8.1.1 & 8.3
88	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Class B Test Fire	IS 15683, CL-8.1.2 & 8.4
89	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Colour Test	IS 15683, CL-10.1
90	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Crushing Test	IS 15683, CL-9.2.3
91	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Determination of Maximum Service Pressure (Pms)	IS 15683, Clause 9.2.1.8
92	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	External Corrosion Test	IS 15683, CL-7.6.1
93	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Fill density	IS 15683, CL-5.3.1
94	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Filling Tolerance	IS 15683, CL-5.3.2
95	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Firefighting portable fire extinguishers.	Intermittent Discharge test	IS 15683, CL-7.8