

ANNEX 3
(Item 5.1)

PROGRAMME OF WORK UNDER CED 22

CED 22 SCOPE	<p>FIRE FIGHTING SECTIONAL COMMITTEE</p> <p>i) FIRE FIGHTING EQUIPMENT INCLUDING WATER FITTINGS</p> <p>ii) FIRE FIGHTING UNITS</p> <p>iii) FIRE DETECTION, FIRE ALARM AND SUPPRESSION SYSTEMS, AND</p> <p>iv) HELMETS</p>
LIAISON	<ul style="list-style-type: none"> • ISO/TC 21 (O) EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING • ISO/TC 21/SC 2 (O) MANUALLY TRANSPORTABLE FIRE EXTINGUISHERS • ISO/TC 21/SC 3 (O) FIRE DETECTION AND ALARM SYSTEM • ISO/TC 21/SC 5 (O) FIXED FIRE FIGHTING SYSTEMS USING WATER • ISO/TC 21/SC 6 (O) FOAM AND POWDER MEDIA AND FIRE FIGHTING SYSTEMS USING FOAM AND POWDER • ISO/TC 21/SC 8 (O) GASEOUS MEDIA AND FIRE FIGHTING SYSTEMS USING GAS • ISO/TC 21/SC 11(O) SMOKE AND HEAT CONTROL SYSTEMS AND COMPONENTS

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
1.	IS 884: 1985*	Specification for first — Aid hose — Reel for fire fighting (First Revision)	Dec-20	3
2.	IS 901: 1988	Specification for couplings, double male and double female instantaneous pattern for fire fighting (Third Revision)	Sep-22	1
3.	IS 902: 1992	Suction hose couplings for fire fighting purposes — Specification (Third Revision)	Sep-22	2
4.	IS 903: 1993*	Fire hose delivery couplings, branch pipe, nozzles and nozzle spanner — Specification (Fourth Revision)	Aug-23	4
5.	IS 904: 1983	Specification for 2 — Way and 4 — Way suction collecting heads for fire fighting purposes (Second Revision)	Dec-20	1
6.	IS 905: 1980*	Specification for delivery breechings, dividing and collecting, instantaneous pattern, for fire fighting purposes (Second Revision)	Sep-22	-
7.	IS 906: 2024	Portable and fixed type revolving branch for fire fighting — Specification (Fourth Revision)		-
8.	IS 907: 1984	Specification for suction strainers, cylindrical type for fire fighting purposes (Second Revision)	Dec-20	-
9.	IS 908: 1975	Specification for fire hydrant, stand post type (Second Revision)	Dec-20	1
10.	IS 909: 1992	Underground fire hydrant, sluice valve type — Specification (Third Revision)	Sep-22	-
11.	IS 910: 1980	Specification for combined key for hydrant, hydrant cover and lower valve (Second Revision)	Sep-22	1

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
12.	IS 926: 1985	Specification for fireman's axe (Second Revision)	Dec-20	-
13.	IS 927: 1981	Specification for fire hooks (Second Revision)	Sep-22	2
14.	IS 928: 1984	Specification for fire bells (Second Revision)	Dec-20	-
15.	IS 937: 1981	Specification for washers for water fittings for fire fighting purposes (Second Revision)	Sep-22	2
16.	IS 939: 1977	Specification for snatch block for use with fibre rope for fire brigade use (First Revision)	Sep-22	-
17.	IS 941: 1985	Specification for blower and exhaustor — For fire fighting (Second Revision)	Dec-20	2
18.	IS 942: 1982	Functional requirements for 275 1/min portable pump set for fire fighting (Second Revision)	Dec-20	-
19.	IS 943: 1979	Functional Requirements for 680—1/Min Trailer Pump For Fire Brigade Use (Second Revision)	Aug-18	2
20.	IS 944: 1979	Functional requirements of 1800—1/min trailer pump for fire brigade use (Second Revision)	Aug-22	1
21.	IS 947: 1985	Specification for washers for water fittings for fire fighting purposes (Second Revision)	Sep-22	1
22.	IS 948: 1983	Functional Requirements for Water Tender Type A for Fire Brigade Use (Second Revision)	Dec-20	1
23.	IS 949: 2012	Specification for snatch block for use with fibre rope for fire brigade use (First Revision)	Mar-22	-
24.	IS 950: 2012	Functional requirements for water tender, type B for fire brigade use (Third Revision)	Oct-22	-
25.	IS 951: 2003	Functional requirements for crash fire tender for air fields (Fourth Revision)	Aug-23	-
26.	IS 952: 2012	Fog nozzle for fire brigade use — Specification (Second Revision)	Jun-22	-
27.	IS 955: 1980	Functional requirements for dry powder tender for fire brigade use (First Revision)	Aug-23	1
28.	IS 956: 2004	Functional requirements for rescue tender for air fields (Second Revision)	Jan-20	-
29.	IS 957: 1967	Specification for control van for fire brigade use	Dec-20	3
30.	IS 1941 (Part 1): 1976	Functional requirements for electric motor sirens: Part 1 ac, 4 — Phase, 50 hz, 415 volts type (Second Revision)	Sep-22	-
31.	IS 2097: 2012	Foam making branch pipe and foam inductor — Specification (Second Revision)	Jun-22	-
32.	IS 2189: 2008*	Selection, installation and maintenance of automatic fire detection and alarm system code of practice (Fourth Revision)	Aug-23	-
33.	IS 2190: 2024	Selection, installation and maintenance of first-aid fire extinguishers — Portable and mobile — Code of practice (<i>fifth revision</i>)	Dec-20	2
34.	IS 2546: 1974	Specification for galvanized mild steel fire bucket (First Revision)	Dec-20	2

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
35.	IS 2696: 1974	Functional requirements for 1 125—1/min light fire engine (First Revision)	Sep-22	2
36.	IS 2745: 1983	Specification for non — Metal helmet for firemen and civil defence personnel (Second Revision)	Dec-20	3
37.	IS 2871: 2012	Branch pipe, universal for fire fighting purpose — Specification (Second Revision)	Jun-22	-
38.	IS 2925: 1984	Specification for industrial safety helmets (Second Revision)	Dec-20	4
39.	IS 2930: 1980	Functional requirements for hose laying tender for fire brigade use (First Revision)	Sep-22	1
40.	IS 3582: 1984	Basket Strainers For Fire Fighting Purposes (cylindrical Type) (First Revision)	Dec-20	-
41.	IS 3744: 1985	Specification hose binding machine	Dec-20	-
42.	IS 3844: 1989	Code of practice for installation and maintenance of internal fire hydrants and hose reels on premises (First Revision)	Dec-20	-
43.	IS 4151: 2015	Protective helmets for motorcycle riders — Specification (Fourth Revision)	Dec-20	2
44.	IS 4308: 2019	Dry Chemical Powders for Fire Fighting — BC, ABC and D Types — Specification (Third Revision)	Jan-24	-
45.	IS 4571: 1977	Specification for aluminium extension ladders for fire brigade use (First Revision)	Dec-20	5
46.	IS 4643: 1984	Specification for suction wrenches for fire brigade use (First Revision)	Dec-20	-
47.	IS 4862 (Part 1): 1986	Specification for portable fire extinguisher for aircraft: Part 1 halon 1211 type (First Revision)	Dec-20	3
48.	IS 4927: 1992	Unlined flax canvas hose for fire fighting — Specification (First Revision)	Sep-22	2
49.	IS 4928: 1986	Specification for delivery valve for centrifugal fire pump outlets (First Revision)	Dec-20	-
50.	IS 4947: 2006	Gas cartridges for use in fire extinguishers — Specification (Third Revision)	Feb-22	-
51.	IS 4989: 2018	Foam concentrate for producing mechanical foam for fire fighting — Specification (Fourth Revision)	Dec-23	-
52.	IS 5131: 2002	Dividing Breaching with Control for Fire Brigade Use —Specification (Second Revision)	Sep-22	-
53.	IS 5290: 1993*	Landing valves — Specification (Third Revision)	Aug-23	6
54.	IS 5486: 1985	Specification for quick release knife (First Revision)	Dec-20	-
55.	IS 5505: 1985	Specification for multi — Edged rescue axe (Non — Wedging) (First Revision)	Dec-20	-
56.	IS 5714: 1981	Specification for hydrant stand — Pipe for fire fighting (First Revision)	Sep-22	1
57.	IS 5888: 1970	Code of practice for design and construction of fire service drill — Tower	Dec-20	-

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
58.	IS 5612 (Part 1): 1977	Specification for hose — Clamps and hose — Bandages for fire brigade use: Part 1 hose — Clamps (First Revision)	Sep-22	1
59.	IS 5612 (Part 2): 1977	Specification for hose — Clamps and hose — Bandages for fire brigade use: Part 2 hose — Bandages (First Revision)	Sep-22	-
60.	IS 5896 (Part 1): 1970	Code of practice for selection, operation and maintenance of special fire fighting appliances: Part 1 combined foam and cop crash tender	Dec-20	-
61.	IS 5896 (Part 3): 1975	Code of practice for selection, operation and maintenance of fire fighting appliances: Part 3 Turntable ladders	Sep-22	-
62.	IS 6026: 1985	Specification for hand — Operated sirens (First Revision)	Dec-20	-
63.	IS 6067: 1983	Functional Requirements for Water Tender Type 'X' for Fire Brigade Use (First Revision)	Dec-20	-
64.	IS 6070: 1983	Code of practice for selection, operation and maintenance of trailer fire pumps, portable pumps, water tenders and motor fire engines (First Revision)	Dec-20	-
65.	IS 7673: 2004	Fire Fighting Equipment — Glossary of Terms (First Revision)	Aug-23	-
66.	IS 7692: 1993*	Headforms for testing of helmets — Specification (First Revision)	Aug-23	-
67.	IS 8090: 1976	Specification for couplings, branch pipe, nozzle used in hose reel tubing for fire fighting (First Revision)	Dec-20	1
68.	IS 8096: 1992	Fire beaters — Specification (First Revision)	Sep-22	-
69.	IS 8423: 1994	Specification for controlled percolating hose for fire fighting (First revision)	Dec-20	3
70.	IS 8442: 2024	Stand post type water and water-cum-foam monitor for fire fighting - Specification (<i>second revision</i>)	Aug-23	-
71.	IS 9562: 1980	Specification for non — Metal helmet for police force	Sep-22	5
72.	IS 9668: 1990	Provision and maintenance of water supplies for fire fighting — Code of practice (First Revision)	Dec-20	-
73.	IS 9695: 1980	Methods for sampling of helmets	Dec-20	-
74.	IS 9972: 2023	Automatic Sprinkler Heads for Fire Protection Service — Specification (Second Revision)		-
75.	IS 9973: 1981	Specification for visor for scooter helmets	Sep-22	1
76.	IS 9995: 1981	Specification for visor for non—metal police and firemen's helmets	Sep-22	1
77.	IS 10460: 1983	Functional requirements for small foam tender for fire brigade use	Dec-20	1
78.	IS 10993: 1984	Functional requirements for 2000 kg dry powder tender for fire brigade use	Dec-20	1
79.	IS 11101: 1984	Specification for extended branch pipe for fire brigade use	Sep-22	-

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
80.	IS 11108: 1984	Specification for portable fire extinguishers — Halon 1211 type	Dec-20	4
81.	IS 11833: 1986	Specification For Dry Powder Fire Extinguisher For Metal Fires	Sep-22	4
82.	IS 12717: 1989	Fire fighting equipment — High capacity portable pump set (1100 — 1600 L/min) — Functional requirements	Dec-20	1
83.	IS 12796: 1989	Fire rake — Specification	Dec-20	-
84.	IS 12805: 1989	Tool McLeod for fighting forest fires — Specification	Dec-20	-
85.	IS 12835 (Part 1): 2021	Design and installation of fixed foam fire extinguishing system — Code of practice Part 1 Low expansion foam (<i>First Revision</i>)		-
86.	IS 12853: 1989	Specification Pulaski tool for forest fire	Dec-20	-
87.	IS 12859: 1989	Fire fighting — Brush hook for forest fires — Specification	Dec-20	-
88.	IS 12861: 1989	Fire fighting — Double bit axe for forest fires — Specification	Dec-20	-
89.	IS 12862: 1989	Fire fighting — Shovel for forest fires — Specification	Dec-20	-
90.	IS 13039: 2014	External hydrant systems — provision and maintenance — Code of practice (<i>First Revision</i>)	Jun-24	-
91.	IS 14851: 2000	Maintenance of fire hose — Code of practice	Dec-20	-
92.	IS 14933: 2001	High Pressure Fire Fighting Hose — Specification	Dec-20	-
93.	IS 14951: 2001	Fire extinguisher — 135 litres capacity mechanical foam type — Specification	Dec-20	2
94.	IS 15051: 2001	High pressure fire hose delivery couplings — Specification	Sep-22	-
95.	IS 15105: 2021	Design and Installation of Fixed Automatic Sprinkler Fire Extinguishing Systems — Code of Practice (<i>first revision</i>)		-
96.	IS 15220: 2002	Halogenated hydrocarbons — Halon 1211 and halon 1401 — Fire extinguishing media — Specification	Sep-22	-
97.	IS 15221: 2002	Safe handling and transfer procedures of halon1211 and halon 1301 (Halogenated Hydrocarbons) — Fire extinguishing media — Code of practice	Sep-22	-
98.	IS 15222: 2002	Carbon dioxide as fire extinguishing media for fire protection — Specification	Sep-22	-
99.	IS 15301: 2003	Installation and Maintenance of Fire Fighting Pumps — Code of Practice	Aug-23	-
100.	IS 15325: 2020	Design and Installation of Fixed Automatic High and Medium Velocity Water Spray System — Code of Practice (<i>First Revision</i>)	-	-
101.	IS 15493: 2021	Gaseous Fire Extinguishing Systems — General Requirements <i>First Revision</i>		-
102.	IS 15496: 2004	Inspection and maintenance of gaseous fire extinguishing systems — Code of practice	Jan-20	-

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
103.	IS 15497: 2004	Gaseous fire extinguishing systems — IG 01 extinguishing systems	Jan-20	-
104.	IS 15501: 2004	Gaseous fire extinguishing systems — IG 541 extinguishing systems	Jan-20	-
105.	IS 15505: 2004	Gaseous fire extinguishing systems — HCFC blend a extinguishing systems	Jan-20	-
106.	IS 15506: 2004	Gaseous fire extinguishing systems — IG 55 extinguishing systems	Jan-20	-
107.	IS 15517: 2004	Gaseous fire extinguishing systems — HFC 227ea (Hepta Fluoro Propane) extinguishing systems	Jan-20	2
108.	IS 15519: 2020	Water Mist Fire Protection Systems — System Design, Installation and Commissioning — Code of Practice (First Revision)	-	-
109.	IS 15525: 2004	Gaseous fire extinguishing systems — IG 100 extinguishing systems	Jan-20	-
110.	IS 15528: 2004	Gaseous fire extinguishing systems — Carbon dioxide total flooding and local application (Sub — Floor And In — Cabinet), high and low pressure (Refrigerated) systems	Jan-20	-
111.	IS 15682: 2006	Fire fighting vehicles and equipment — Symbols for operator controls and other display	Feb-22	-
112.	IS 15683: 2018	Portable Fire Extinguishers — Performance and Construction — Specification (First Revision)	Dec-23	-
113.	IS 15811: 2008	Long — Range water — Cum — Foam monitor with self — Inducting, aspirating and non — Aspirating jet and spray/fog nozzle for fire fighting — Specification	Aug-23	-
114.	IS 15821: 2008	Gaseous fire extinguishing systems — Physical properties and system design — CF3I extinguishant	Aug-18	-
115.	IS 15835: 2009	Gaseous Fire Extinguishing Systems — HCFC—125 Extinguishing Systems	Jan-20	1
116.	IS 15908: 2021	Selection installation and maintenance of control and indicating equipments for fire detection and alarm system — Code of Practice First Revision		-
117.	IS 16018: 2012	Wheeled fire extinguishers — Performance and construction — Specification	Apr-22	2
118.	IS 16088: 2012	Chlorinated polyvinyl chloride (CPVC) pipes for automatic sprinkler fire extinguishing system — Specification	Nov-22	1
119.	IS 16095: 2013	Hazmat vehicle — Specification	Oct-23	-
120.	IS 16109: 2013	Turntable ladder — Specification	Sep-23	-
121.	IS 16534: 2017	Chlorinated Polyvinyl Chloride (CPCV) Pipe Fittings for Automatic Sprinkler Fire Extinguishing System — Specification	Oct-22	1
122.	IS/ISO 7240-2: 2017	Fire Detection and Alarm Systems Part 2: Fire Detection Control and Indicating Equipment first revision		-

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
123.	IS/ISO 7240-3: 2020	Fire Detection and Alarm Systems — Part 3: Audible Alarm Devices first revision		-
124.	IS/ISO 7240-4: 2017	Fire Detection and Alarm Systems — Part 4 Power Supply Equipment first revision		-
125.	IS/ISO 7240-5: 2018	Fire Detection and Alarm Systems — Part 5 Point Type Heat Detectors second revision		-
126.	IS/ISO 7240-6: 2011	Fire detection and alarm systems: Part 6 carbon monoxide fire detectors using electro — Chemical cells		-
127.	IS/ISO 7240-7: 2023	Fire Detection and Alarm Systems — Part 7 Point— Type Smoke Detectors using Scattered Light Transmitted Light or Ionization first revision		-
128.	IS/ISO 7240-8: 2014	Fire Detection and Alarm Systems Part 8 Point— Type Fire Detectors Using a Carbon Monoxide Sensor in Combination with a Heat Sensor		-
129.	IS/ISO 7240-10: 2012	Fire Detection and Alarm Systems Part 10 Point— Type Flame Detectors		-
130.	IS/ISO 7240-11: 2011	Fire detection and alarm systems: Part 11 manual call points	Sep-23	-
131.	IS/ISO 7240-12: 2022	Fire Detection and Alarm Systems — Part 12 Line Type Smoke Detectors using a Transmitted Optical Beam first revision		-
132.	IS/ISO 7240-13: 2020	Fire Detection and Alarm Systems Part 13 Compatibility Assessment of System Components first revision		-
133.	IS/ISO 7240-15: 2014	Fire Detection and Alarm Systems Part 15: Point— Type Fire Detectors Using Smoke and Heat Sensors first revision		-
134.	IS/ISO 7240-16: 2007	Fire detection and alarm systems: Part 16 sound system control and indicating equipment		-
135.	IS/ISO 7240-17: 2020	Fire Detection and Fire Alarm Systems — Part 17: Transmission Path Isolators first revision		-
136.	IS/ISO 7240-18: 2017	Fire Detection and Alarm Systems Part 18 Input/Output Devices		-
137.	IS/ISO 7240-20: 2010	Fire detection and alarm systems: Part 20 aspirating smoke detectors		-
138.	IS/ISO 7240-21: 2005	Fire Detection and Alarm Systems Part 21 Routing Equipment		-
139.	IS/ISO 7240-22: 2017	Fire Detection and Alarm Systems Part 22 Smoke— Detection Equipment for Ducts		-
140.	IS/ISO 7240-23: 2013	Fire Detection and Alarm Systems Part 23 Visual Alarm Devices		-
141.	IS/ISO 7240-24: 2016	Fire Detection and Alarm Systems Part 24 Fire Alarm Loudspeakers		-
142.	IS/ISO 7240-25: 2010	Fire Detection and Alarm Systems Part 25 Components Using Radio Transmission Paths		-

Sl. No.	IS No.	Title	Reaffirm	No. of Amds
143.	IS/ISO 7240-27: 2018	Fire Detection and Alarm Systems Part 27 Point Type Fire Detectors Using a Smoke Sensor in Combination with a Carbon Monoxide Sensor and, Optionally, One or More Heat Sensors		-
144.	IS/ISO 7240-29: 2017	Fire Detection and Alarm Systems Part 29 Video Fire Detectors		-
145.	IS/ISO 7240-31: 2022	Fire Detection and Alarm Systems — Part 31 Resettable Line—Type Heat Detectors Adoption of IS 7240—31: 2022		-

Finalized Draft Indian Standards Under Print		
Sl. No.	Doc No	Title
1.	CED 22 (22774)	Amendment No 1 to IS 4989: 2018Foam concentrate for producing mechanical foam for fire fighting — Specification Fourth Revision
2.	CED 22 (25804)	First-Aid Hose-Reel for Fire Fighting Specification (Second Revision of IS 884)
3.	CED 22 (26379)	Fire Hose Delivery Couplings Branch Pipes Nozzles and Nozzle Spanners - Specification (Fifth Revision of IS 903)
4.	CED 22 (26380)	Delivery Breechings Dividing and Collecting Instantaneous Pattern For Fire Fighting Specification (Third Revision of IS 905)
5.	CED 22 (26389)	Landing Valves - Specification (Fourth Revision of IS 5290)
6.	CED 22 (22808)	Headforms for Testing of Helmets for Users of Bicycles, Skateboards, and Roller Skates – Specification (New IS)
7.	CED 22 (22809)	Protective Helmet for Users of Bicycles, Skateboards, and Roller Skates – Specification (New IS)

Draft Standards Completed WC Stage		
Sl. No.	Doc No	Title
1.	CED 22 (25685)	Water Tender for Fire Brigade Use - Functional Requirements (Fourth Revision of IS 950) (Superseding IS 948 and IS 6067)
2.	CED 22 (25719)	Foam Tender for Fire Brigade Use - Functional Requirements (first revision of IS 10460)
3.	CED 22 (26193)	Selection Installation and Maintenance of Automatic Fire Detection and Alarm System - Code of Practice (Fifth Revision of IS 2189)
4.	CED 22 (25695)	Design Installation Testing and Maintenance of Condensed Aerosol Fire Extinguishing System - Code of Practice (New IS)
5.	CED 22 (26518)	Amendment No 1 to IS 15493: 2021 Gaseous Fire Extinguishing Systems - General Requirements First Revision

Preliminary Draft Standards		
Sl. No.	Doc No	Title

1	CED 22 (26448)	Medium and High Expansion Foam Concentrate for Fire Fighting - Specification
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