## **ANNEX 2**

(Item 5.1)

## **PROGRAMME OF WORK UNDER CED 22**

CED 22 SCOPE	FIRE FIGHTING SECTIONAL COMMITTEE  i) FIRE FIGHTING EQUIPMENT INCLUDING WATER FITTINGS  ii) FIRE FIGHTING UNITS  iii) FIRE DETECTION AND FIRE ALARM SYSTEMS, AND  iv) HELMETS
LIAISON	<ul> <li>ISO/TC 21 (O) EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING</li> <li>ISO/TC 21/SC 2 (O) MANUALLY TRANSPORTABLE FIRE EXTINGUISHERS</li> <li>ISO/TC 21/SC 3 (O) FIRE DETECTION AND ALARM SYSTEM</li> <li>ISO/TC 21/SC 5 (O) FIXED FIRE FIGHTING SYSTEMS USING WATER</li> <li>ISO/TC 21/SC 6 (O) FOAM AND POWDER MEDIA AND FIRE FIGHTING SYSTEMS USING FOAM AND POWDER</li> <li>ISO/TC 21/SC 8 (O) GASEOUS MEDIA AND FIRE FIGHTING SYSTEMS USING GAS</li> <li>ISO/TC 21/SC 11(O) SMOKE AND HEAT CONTROL SYSTEMS AND COMPONENTS</li> </ul>

SI. 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

SI. 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 exhauster — 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: 2010	Selection, installation and maintenance of first—aid fire extinguishers — Code of practice (Fourth Revision)	Dec-20	2
34.	IS 2546: 1974	Specification for galvanized mild steel fire bucket (First Revision)	Dec-20	2

SI. 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 ( <i>Third Revision</i> )	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 Breeching 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	-

SI. 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: 2008	Stand post type water and foam monitor for fire fighting — Specification (First Revision)	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	-

SI. 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 (First Revision)	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 (first revision)		-
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 (First Revision)	-	-
101.	IS 15493: 2021	Gaseous Fire Extinguishing Systems — General Requirements First Revision		-
102.	IS 15496: 2004	Inspection and maintenance of gaseous fire extinguishing systems — Code of practice	Jan-20	-

SI. 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	ı
105.	IS 15505: 2004	Gaseous fire extinguishing systems — HCFC blend a extinguishing systems	Jan-20	ı
106.	IS 15506: 2004	Gaseous fire extinguishing systems — IG 55 extinguishing systems	Jan-20	ı
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		-

SI. 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		-

SI. 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				
SI. No.	Doc No Title				
1	CED 22 (19695)	Low Expansion Foam Making Branch Pipe and Portable Foam Inductor — Specification (third revision of IS 2097)			
2	CED 22 (19821)	Stand Post Type Water and Water—cum—Foam Monitor for Fire Fighting — Specification (Second Revision of IS 8442)			
3	CED 22 (21197)	Selection, Installation and Maintenance of First—aid Fire Extinguishers — Portable and Mobile — Code of Practice (fifth revision of IS 2190)			
4	CED 22 (22773)	Amendment No 1 to IS 4308: 2019 Dry Chemical Powders for Fire Fighting — BC, ABC and D Types — Specification (Third Revision)			
5	CED 22 (22775)	Amendment No 1 to IS 15683: 2018 Portable Fire Extinguishers — Performance and Construction — Specification (First Revision)			
6	CED 22 (22776)	Amendment No 3 to IS 16018: 2012 Wheeled fire extinguishers — Performance and construction – Specification			
7	CED 22 (22808)	Headforms for Testing of Helmets for Users of Bicycles, Skateboards, and Roller Skates – Specification (New IS)			
8	CED 22 (22809)	Protective Helmet for Users of Bicycles, Skateboards, and Roller Skates – Specification (New IS)			

	Finalized Draft Indian Standard				
SI. 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			

	Draft Standards Completed WC Stage					
SI. 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 (25804)	First-Aid Hose-Reel for Fire Fighting Specification (Second Revision of IS 884)
4	CED 22 (26193)	Selection Installation and Maintenance of Automatic Fire Detection and Alarm System - Code of Practice (Fifth Revision of IS 2189)
5	CED 22 (26379)	Fire Hose Delivery Couplings Branch Pipes Nozzles and Nozzle Spanners - Specification (Fifth Revision of IS 903)
6	CED 22 (26380)	Delivery Breechings Dividing and Collecting Instantaneous Pattern For Fire Fighting Specification (Third Revision of IS 905)
7	CED 22 (26389)	Landing Valves - Specification (Fourth Revision of IS 5290)

Drafts Standards in WC Stage				
SI. No.	Doc No	Title		
1	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				
SI. No.	Doc No	Title		
1	CED 22 (26448)	Medium and High Expansion Foam Concentrate for Fire Fighting - Specification		

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