

ANNEX 6
(Item 6.2)

INTERNATIONAL HARMONIZED STAGE CODES

STAGE	SUBSTAGE			90 DECISION			
	00 REGISTRATION	20 START OF MAIN ACTION	60 COMPLETION OF MAIN ACTION	92 REPEAT AN EARLIER PHASE	93 REPEAT CURRENT PHASE	98 ABANDON	99 PROCEED
00 PRELIMINARY	00.00 Proposal for new project received	00.20 Proposal for new project under review	00.60 Close of review			00.98 Proposal for new project abandoned	00.99 Approval to ballot proposal for new project
10 PROPOSAL	10.00 Proposal for new project registered	10.20 New project ballot initiated	10.60 Close of voting	10.92 Proposal returned to submitter for further definition		10.98 New project rejected	10.99 New project approved
20 PREPARATORY	20.00 New project registered in TC/SC work programme	20.20 Working draft (WD) study initiated	20.60 Close of comment period			20.98 Project deleted	20.99 WD approved for registration as CD
30 COMMITTEE	30.00 Committee draft (CD) registered	30.20 CD study/ballot initiated	30.60 Close of voting/comment period	30.92 CD referred back to Working Group		30.98 Project deleted	30.99 CD approved for registration as DIS
40 ENQUIRY	40.00 DIS registered	40.20 DIS ballot initiated: 12 weeks	40.60 Close of voting	40.92 Full report circulated: DIS referred back to TC or SC	40.93 Full report circulated: decision for new DIS ballot	40.98 Project deleted	40.99 Full report circulated: DIS approved for registration as FDIS
50 APPROVAL	50.00 Final text received or FDIS registered for formal approval	50.20 Proof sent to secretariat or FDIS ballot initiated: 8 weeks	50.60 Close of voting. Proof returned by secretariat	50.92 FDIS or proof referred back to TC or SC		50.98 Project deleted	50.99 FDIS or proof approved for publication
60 PUBLICATION	60.00 International Standard under publication		60.60 International Standard published				
90 REVIEW		90.20 International Standard under systematic review	90.60 Close of review	90.92 International Standard to be revised	90.93 International Standard confirmed		90.99 Withdrawal of International Standard proposed by TC or SC
95 WITHDRAWAL		95.20 Withdrawal ballot initiated	95.60 Close of voting	95.92 Decision not to withdraw International Standard			95.99 Withdrawal of International Standard

ISO/TC 21 EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING

Subcommittee	Subcommittee Title	Published standards
ISO/TC 21/SC 2	Manually transportable fire extinguishers	5
ISO/TC 21/SC 3	Fire detection and alarm systems	31
ISO/TC 21/SC 5	Fixed firefighting systems using water	13
ISO/TC 21/SC 6	Foam and powder media and fire fighting systems using foam and powder	12
ISO/TC 21/SC 8	Gaseous media and firefighting systems using gas	18
ISO/TC 21/SC 11	Smoke and heat control systems and components	9

1 STANDARDS BY ISO/TC 21/SC 2 Manually Transportable Fire Extinguishers

SI No.	Standard and/or project under the direct responsibility of ISO/TC 21/SC 2 Secretariat	Stage
1.	ISO/TS 11602-2:2010 Fire protection — Portable and wheeled fire extinguishers — Part 2: Inspection and maintenance	90.93
2.	ISO/TS 11602-1:2010 Fire protection — Portable and wheeled fire extinguishers — Part 1: Selection and installation	90.93
3.	ISO 11601:2017 Fire fighting — Wheeled fire extinguishers — Performance and construction	90.93
4.	ISO 7165:2017 Fire fighting — Portable fire extinguishers — Performance and construction	90.93
5.	ISO 3941:2007 Classification of fires	90.93

2 ISO/TC 21/SC 3 Fire detection and alarm systems

SI No.	Standard and/or Project Under the Direct Responsibility of ISO/TC 21/SC 3 Secretariat	Stage
1.	ISO 7240-1:2014 Fire detection and alarm systems — Part 1: General and definitions	90.92
2.	ISO/AWI 7240-1 Fire detection and alarm systems — Part 1: General and definitions	20.00
3.	ISO 7240-2:2017 Fire detection and alarm systems — Part 2: Fire detection control and indicating equipment	90.60
4.	ISO 7240-3:2020 Fire detection and alarm systems — Part 3: Audible alarm devices	60.60
5.	ISO 7240-4:2017 Fire detection and alarm systems — Part 4: Power supply equipment	90.60
6.	ISO 7240-5:2018 Fire detection and fire alarm systems — Part 5: Point type heat detectors	90.20
7.	ISO 7240-6:2011	90.60

	Fire detection and alarm systems — Part 6: Carbon monoxide fire detectors using electro-chemical cells	
8.	ISO 7240-7:2018 Fire detection and alarm systems — Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization	90.92
9.	ISO/PRF 7240-7 Fire detection and alarm systems — Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization	50.00
10.	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	90.93
11.	ISO/TR 7240-9:2022 Fire detection and alarm systems — Part 9: Test fires for fire detectors	60.60
12.	ISO 7240-10:2012 Fire detection and alarm systems — Part 10: Point-type flame detectors	90.93
13.	ISO 7240-11:2011 Fire detection and alarm systems — Part 11: Manual call points	90.60
14.	ISO 7240-12:2022 Fire detection and alarm systems — Part 12: Line type smoke detectors using a transmitted optical beam	60.60
15.	ISO 7240-13:2020 Fire detection and alarm systems — Part 13: Compatibility assessment of system components	60.60
16.	ISO 7240-14:2013 Fire detection and alarm systems — Part 14: Design, installation, commissioning and service of fire detection and fire alarm systems in and around buildings	90.93
17.	ISO 7240-15:2014 Fire detection and alarm systems — Part 15: Point-type fire detectors using smoke and heat sensors	90.93
18.	ISO 7240-16:2007 Fire detection and alarm systems — Part 16: Sound system control and indicating equipment	90.93
19.	ISO 7240-17:2020 Fire detection and fire alarm systems — Part 17: Transmission path isolators	60.60
20.	ISO 7240-18:2017 Fire detection and alarm systems — Part 18: Input/output devices	90.60
21.	ISO 7240-19:2007 Fire detection and alarm systems — Part 19: Design, installation, commissioning and service of sound systems for emergency purposes	90.93
22.	ISO 7240-20:2010 Fire detection and alarm systems — Part 20: Aspirating smoke detectors	90.93
23.	ISO 7240-21:2005 Fire detection and alarm systems — Part 21: Routing equipment	90.60
24.	ISO 7240-22:2017 Fire detection and alarm systems — Part 22: Smoke-detection equipment for ducts	90.60

25.	ISO 7240-23:2013 Fire detection and alarm systems — Part 23: Visual alarm devices	90.93
26.	ISO 7240-24:2016 Fire detection and fire alarm systems — Part 24: Fire alarm loudspeakers	90.93
27.	ISO 7240-25:2010 Fire detection and fire alarm systems — Part 25: Components using radio transmission paths	90.20
28.	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	90.92
29.	ISO/CD 7240-27 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	30.00
30.	ISO/DIS 7240-29 Fire detection and alarm systems — Part 29: Video fire detectors	40.20
31.	ISO/TS 7240-29:2017 Fire detection and alarm systems — Part 29: Video fire detectors	90.92
32.	ISO/TS 7240-30:2022 Fire detection and alarm systems — Part 30: Design, installation, commissioning and service of video fire detector systems	60.60
33.	ISO 7240-31:2022 Fire detection and alarm systems — Part 31: Resettable line-type heat detectors	60.60
34.	ISO/CD 7240-32 Fire detection and fire alarm systems — Part 32: Non-resettable line-type heat detectors	30.60
35.	ISO 8201:2017 Alarm systems — Audible emergency evacuation signal — Requirements	90.60
36.	ISO 12239:2021 Smoke alarms using scattered light, transmitted light or ionization	60.60

3 ISO/TC 21/SC 5

SI No	Standard and/or project under the direct responsibility of ISO/TC 21/SC 5 Secretariat	Stage
1.	ISO 6182-1:2021 Fire protection — Automatic sprinkler systems — Part 1: Requirements and test methods for sprinklers	60.60
2.	ISO 6182-2:2012 Fire protection — Automatic sprinkler systems — Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms	90.93
3.	ISO 6182-3:2012 Fire protection — Automatic sprinkler systems — Part 3: Requirements and test methods for dry pipe valves	90.93

4.	ISO 6182-4:2019 Fire protection — Automatic sprinkler systems — Part 4: Requirements and test methods for quick opening devices	60.60
5.	ISO 6182-5:2012 Fire protection — Automatic sprinkler systems — Part 5: Requirements and test methods for deluge valves	90.93
6.	ISO 6182-6:2020 Fire protection — Automatic sprinkler systems — Part 6: Requirements and test methods for check valves	60.60
7.	ISO 6182-8:2019 Fire protection — Automatic sprinkler systems — Part 8: Requirements and test methods for pre-action dry alarm valves	60.60
8.	ISO 6182-9:2005 Fire protection — Automatic sprinkler system — Part 9: Requirements and test methods for water mist nozzles	90.93
9.	ISO 6182-11:2019 Fire protection — Automatic sprinkler systems — Part 11: Requirements and test methods for pipe hangers	60.60
10.	ISO 6182-12:2019 Fire protection — Automatic sprinkler systems — Part 12: Requirements and test methods for grooved-end components for steel pipe systems	60.60
11.	ISO 6182-14:2019 Fire protection — Automatic nozzle systems — Part 14: Requirements and test methods for water spray nozzles	60.60
12.	ISO 6182-16:2020 Fire protection — Automatic sprinkler systems — Part 16: Requirements and test methods for fire pump relief valves	60.60
13.	ISO 6182-17:2020 Fire protection — Automatic sprinkler systems — Part 17: Requirements and test methods for pressure reducing valves	60.60

4 ISO/TC 21/SC 6

SI No.	Standard and/or project under the direct responsibility of ISO/TC 21/SC 6 Secretariat	Stage
1.	ISO 7076-1:2012 Fire protection - Foam fire extinguishing systems — Part 1: Foam proportioning equipment	90.93
2.	ISO 7076-2:2012 Fire protection - Foam fire extinguishing systems — Part 2: Low expansion foam equipment	90.93
3.	ISO 7076-3:2016 Fire protection — Foam fire extinguishing systems — Part 3: Medium expansion foam equipment	90.93
4.	ISO 7076-4:2016 Fire protection — Foam fire extinguishing systems — Part 4: High expansion foam equipment	90.93

5.	ISO 7076-5:2014 Fire protection — Foam fire extinguishing systems — Part 5: Fixed compressed air foam equipment	90.93
6.	ISO 7076-6:2016 Fire protection — Foam fire extinguishing systems — Part 6: Vehicle mounted compressed air foam systems	90.93
7.	ISO 7076-6:2016/Amd 1:2020 Fire protection — Foam fire extinguishing systems — Part 6: Vehicle mounted compressed air foam systems — Amendment 1	60.60
8.	ISO 7202:2018 Fire protection — Fire extinguishing media — Powder	60.60
9.	ISO 7203-1:2019 Fire extinguishing media — Foam concentrates — Part 1: Specification for low-expansion foam concentrates for top application to water-immiscible liquids	60.60
10.	ISO 7203-2:2019 Fire extinguishing media — Foam concentrates — Part 2: Specification for medium- and high-expansion foam concentrates for top application to water-immiscible liquids	60.60
11.	ISO 7203-3:2019 Fire extinguishing media — Foam concentrates — Part 3: Specification for low-expansion foam concentrates for top application to water-miscible liquids	60.60
12.	ISO 7203-4:2022 Fire extinguishing media — Foam concentrates — Part 4: Specification for Class A foam concentrates for application on Class A fires	60.60
13.	ISO/DIS 7204 Specification for wetting agents for application on Class A fires	40.60

5 ISO/TC 21/SC 8

SI No.	Standard and/or project under the direct responsibility of ISO/TC 21/SC 8 Secretariat	Stage
1.	ISO 6183:2022 Fire protection equipment — Carbon dioxide extinguishing systems for use on premises — Design and installation	60.60
2.	ISO 7201-1:1989 Fire protection — Fire extinguishing media — Halogenated hydrocarbons — Part 1: Specifications for halon 1211 and halon 1301	90.93
3.	ISO 7201-2:1991 Fire extinguishing media — Halogenated hydrocarbons — Part 2: Code of practice for safe handling and transfer procedures of halon 1211 and halon 1301	90.93
4.	ISO 14520-1:2023 Gaseous fire-extinguishing systems — Physical properties and system design — Part 1: General requirements	60.60
5.	ISO 14520-5:2019	90.92

	Gaseous fire-extinguishing systems — Physical properties and system design — Part 5: FK-5-1-12 extinguishant	
6.	ISO/DIS 14520-5 Gaseous fire-extinguishing systems — Physical properties and system design — Part 5: FK-5-1-12 extinguishant	40.20
7.	ISO 14520-8:2019 Gaseous fire-extinguishing systems — Physical properties and system design — Part 8: HFC 125 extinguishant	60.60
8.	ISO 14520-9:2019 Gaseous fire-extinguishing systems — Physical properties and system design — Part 9: HFC 227ea extinguishant	60.60
9.	ISO 14520-10:2019 Gaseous fire-extinguishing systems — Physical properties and system design — Part 10: HFC 23 extinguishant	60.60
10.	ISO 14520-11:2016 Gaseous fire-extinguishing systems — Physical properties and system design — Part 11: HFC 236fa extinguishant	95.60
11.	ISO 14520-12:2015 Gaseous fire-extinguishing systems — Physical properties and system design — Part 12: IG-01 extinguishant	90.93
12.	ISO 14520-13:2015 Gaseous fire-extinguishing systems — Physical properties and system design — Part 13: IG-100 extinguishant	90.93
13.	ISO 14520-14:2015 Gaseous fire-extinguishing systems — Physical properties and system design — Part 14: IG-55 extinguishant	90.93
14.	ISO 14520-15:2015 Gaseous fire-extinguishing systems — Physical properties and system design — Part 15: IG-541 extinguishant	90.93
15.	ISO 14520-17:2022 Gaseous fire-extinguishing systems — Physical properties and system design — Part 17: Halocarbon Blend 55	60.60
16.	ISO 15779:2011 Condensed aerosol fire extinguishing systems — Requirements and test methods for components and system design, installation and maintenance — General requirements	90.92
17.	ISO/AWI 15779 Condensed aerosol fire extinguishing systems — Requirements and test methods for components and system design, installation and maintenance — General requirements	20.00
18.	ISO 16003:2008 Components for fire-extinguishing systems using gas— Requirements and test methods — Container valve assemblies and their actuators; selector valves and their actuators; nozzles; flexible and rigid connectors; and check valves and non-return valves	90.60
19.	ISO 20338:2019 Oxygen reduction systems for fire prevention — Design, installation, planning and maintenance	60.60

20.	ISO 21805:2023 Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems	60.60
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6 ISO/TC 21/SC 11

SI No.	Standard and/or project under the direct responsibility of ISO/TC 21/SC 11 Secretariat	Stage
1.	ISO 21927-1:2008 Smoke and heat control systems — Part 1: Specification for smoke barriers	90.60
2.	ISO 21927-2:2018 Smoke and heat control systems — Part 2: Specifications for natural smoke and heat exhaust ventilators	60.60
3.	ISO 21927-3:2021 Smoke and heat control systems — Part 3: Specifications for powered smoke and heat exhaust ventilators	60.60
4.	ISO 21927-4:2019 Smoke and heat control systems — Part 4: Natural smoke and heat exhaust ventilators — Design, requirements and installation	60.60
5.	ISO 21927-5:2018 Smoke and heat control systems — Part 5: Powered smoke exhaust systems — Requirements and design	60.60
6.	ISO 21927-7:2017 Smoke and heat control systems — Part 7: Smoke ducts sections	90.60
7.	ISO 21927-8:2017 Smoke and heat control systems — Part 8: Smoke control dampers	90.60
8.	ISO 21927-9:2012 Smoke and heat control systems — Part 9: Specification for control equipment	90.60
9.	ISO 21927-10:2011 Smoke and heat control systems — Part 10: Specification for power output devices	90.60