BUREAU OF INDIAN STANDARDS

Program of Work

LITD 26 : Alarms And Electronic Security Systems

Scope: To prepare Indian Standards for the protection of buildings, premises, assets, inventory, persons, areas and properties against fraudulent and/or force full actions having the purpose to enter in a place or to take or to use something without permission and other threat to residential and non residential applications which includes, but not limited to: - Access control systems (Including perimeter access control systems) - Alarm transmission systems - Video surveillance systems (Including video analytics systems) - Combined and/or integrated systems even including fire alarm systems - Fire detection and fire alarm systems (limited to command, control software and associated Systems) - Intruder and hold-up alarm systems (Including perimeter intruder detection systems) - Remote receiving and/or surveillance centers - Social alarm systems (Indoor and outdoor, including social alarm management systems) - Electronic Guard Track Systems - Key management systems

Liaison: **IEC TC-79 (P):** *Alarm and electronic security systems* **IEC TC-79 (P):** *Alarm and electronic security systems*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12126:1987	Specification for hand held metal detectors (Frisking) for use in weapon detection	July, 2023	-	Indigenous
2	IS 14132:2021 NIJ 0601.02	Walk-Through Metal Detector for Use in Concealed Weapon and Contraband Detection	September, 2024	-	Modified/Technically Equivalent
3	IS 16910 (Part 1/Sec 2):2018 IEC 62676-1-2 : 2013 IEC 62676-1-2 : 2013	Video Surveillance Systems for Use in Security Applications Part 1 system Requirements Section 2 Performance Requirements for Video Transmission	May, 2024	-	Identical under dual numbering
4	IS 16910 (Part 1/Sec 1):2018 IEC 62676-1-1 : 2013 IEC 62676-1-1 : 2013	Video Surveillance Systems for Use in Security Applications Part 1 System Requirements Section 1 General	May, 2024	-	Identical under dual numbering
5	IS 16910 (Part 2/Sec 1):2018 IEC 62676-2-1 : 2013 IEC 62676-2-1 : 2013	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 1 General requirements	May, 2024	-	Identical under dual numbering
6	IS 16910 (Part 3):2018	Video Surveillance Systems for Use in Security Applications Part 3	May, 2024	-	Identical under dual numbering

	IEC 62676-3 : 2013 IEC 62676-3 : 2013	Analog and Digital Video Interfaces			
7	IS 16910 (Part 4):2018 IEC 62676-4 : 2014 IEC 62676-4 : 2014	Video Surveillance Systems for Use in Security Applications Part 4 Application Guidelines	May, 2024	-	Identical under dual numbering
8	IS 16910 (Part 5/Sec 1):2026	Video surveillance systems for use in security applications Part 5-1: Data specifications and image quality performance for camera devices Environmental test methods for image quality performance		-	
9	IS 16910 (Part 2/Sec 33):0	Video surveillance systems for use in security applications Part 2-33: Video transmission protocols Cloud uplink and remote management system access		-	
10	IS 16910 (Part 2/Sec 11):0	Video Surveillance Systems VSS for use in security applications - Part 2-11: Video transmission protocols - Interop profiles for VMS and cloud VSaaS systems for safe cities and law enforcement		-	
11	IS 16910 (Part 5):2020 IEC 62676-5 IEC 62676-5:2018	Video Surveillance Systems for Use in Security Applications Part 5 Data Specifications and Image Quality Performance for Camera Devices	December, 2023	1	Identical under single numbering
12	IS 16910 (Part 2/Sec 31):2020 IEC 62676-2-31 : 2019 IEC 62676-2-31 : 2019	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 31 Live streaming and control based on web services	December, 2023	-	Identical under dual numbering
13	IS 16910 (Part 2/Sec 32):2020 IEC 62676-2-32 : 2019 IEC 62676-2-32 : 2019	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 32 Recording control and replay based on web services	December, 2023	-	Identical under dual numbering
14	IS/IEC 60839-11-31):2016 IEC 60839-11-31 : 2016 IEC 60839-11-31:2016	Alarm and Electronic Security Systems Part 11 Electronic Access Control Systems Section 31 Core interoperability protocol based on web devices	December, 2023	-	Identical under single numbering
15	IS/IEC/TS 60839-7-8):2019 IEC TS 60839-7-8:201 IEC TS 60839-7-8:2019	ALARM SYSTEMS PART 7-8: Message Formats and Protocols for serial data interfaces in alarm transmission systems Requirements for common protocol for alarm transmission using the Internet protocol	August, 2024	-	Identical under single numbering
16	IS/IEC 60839-11-1):2013 IEC 60839-11-1 : 2013 IEC 60839-11-1 :	Alarm and Electronic Security Systems Part 11 Electronic Access Control Systems Section 1 System and components requirements	December, 2022	-	Identical under single numbering

	2013				
17	IS/IEC 60839-11-2):2014 IEC 60839-11-2 : 2014 IEC 60839-11-2:2014	Alarm and Electronic Security Systems Part 11 Electronic Access Control System Section 2 Application guidelines	December, 2022	-	Identical under single numbering
18	IS/IEC 62642-1:2010 IEC 62642-1 : 2010 IEC 62642-1:2010	Alarm Systems — Intrusion and Hold-up Systems Part 1 System Requirements	December, 2022	-	Identical under single numbering
19	IS/IEC 62642-3:2010 IEC 62642-3 : 2010 IEC 62642-3:2010	Alarm Systems — Intrusion and Hold-up Systems Part 3 Control and Indicating Equipment	December, 2022	-	Identical under single numbering
20	IS/IEC/TS 62642-7:2011 IEC 62642-7 : 2011 IEC 62642-7:2011	Alarm Systems — Intrusion and Hold-up Systems Part 7 Applications Guidelines	December, 2022	-	Identical under single numbering
21	IS/IEC 62642-2-6):2010 IEC 62642-2-6:2010 IEC 62642-2-6:2010	Alarm systems Intrusion and hold-up systems Part 2 Intrusion detectors Section 6 Opening contacts magnetic	January, 2025	-	Identical under single numbering
22	IS/IEC 62820-1-1):2016 IEC 62820-1-1 : 2016 IEC 62820-1-1:2016	Building Intercom Systems Part 1 System Requirements Section 1 General	December, 2024	-	Identical under single numbering
23	IS/IEC 62820-1-2):2017	Building intercom systems Part 1-2: System requirements Building intercom systems using the internet protocol IP		-	
24	IS/IEC 62820-3-1):2017	Building intercom systems Part 3-1: Application guidelines General		-	
25	IS/IEC 62820-3-2):2018	Building intercom systems Part 3-2: Application guidelines Advanced security building intercom systems ASBIS		-	
26	IS/IEC 62820-2:2017	Building intercom systems Part 2: System requirements Building intercom systems using the Internet Protocol IP		-	
27	IS/IEC 62851-1:2014	Alarm and electronic security systems Social alarm systems Part 1: System requirements		-	
28	IS/IEC 62851-3:2014	Alarm and electronic security systems Social alarm systems Part 3: Local unit and controller		-	
29	IS/IEC 62851-2:2014	Alarm and electronic security systems - Social alarm systems - Part 2: Trigger devices		-	
30	IS/IEC 62851-5:2014	Alarm and electronic security systems Social alarm systems Part 5: Interconnections and communications		-	

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	LITD 26 (11183)	Alarm systems - Part 7-2 Message formats and protocols for serial data interfaces in alarm transmission systems - Common application layer protocol
2	LITD 26 (11185)	Alarm and electronic security systems - Part 11-1 Electronic access control systems - System and components requirements
3	LITD 26 (11186)	Alarm and electronic security systems - Part 11-2 Electronic access control systems - Application guidelines
4	LITD 26 (11187)	Alarm systems - Intrusion and hold-up systems - Part 1 System requirements
5	LITD 26 (11188)	Alarm systems - Intrusion and hold-up systems - Part 3 Control and indicating equipment
6	LITD 26 (11189)	Alarm systems - Intrusion and hold-up systems - Part 7 Application guidelines
7	LITD 26 (11190)	Building intercom systems - Part 1-1 System requirements - General
8	LITD 26 (14295) Revision of: IS 14132:1995	Walk-Through Metal Detector for Use in Concealed Weapon and Contraband Detection
9	LITD 26 (16014)	Video Surveillance Systems for use in security applications-Part 5 Data specifications and image quality performance for camera devices
10	LITD 26 (16017)	Alarms and Electronics Security Systems - Part 11-31 Electronic Access Control Systems- Core interoperability protocol based on Web services
11	LITD 26 (16018)	Video surveillance systems for use in security applications Part 2-31 Live streaming and control based on web services
12	LITD 26 (16019)	Video surveillance systems for use in security applications Part 2-32 Recording control and replay based on web services
13	LITD 26 (16182)	ALARM SYSTEMS PART 7-8 Message Formats and Protocols for serial data interfaces in alarm transmission systems Requirements for common protocol for alarm transmission using the Internet protocol
14	LITD 26 (16183)	BUILDING INTERCOM SYSTEMS PART 3-2 Application Guidelines Advanced security building intercom systems ASBIS
15	LITD 26 (17004)	Alarm systems Intrusion and hold-up systems Part 2 Intrusion detectors Section 6 Opening contacts magnetic
16	LITD 26 (20696)	Video Surveillance Systems for Use in Security Applications Part 5 Data Specifications and

		Image Quality Performance for Camera Devices Amendment - 1
17	LITD 26 (28415)	Building intercom systems Part 1-2 System requirements Building intercom systems using the internet protocol IP
18	LITD 26 (28416)	Building intercom systems Part 3-1 Application guidelines General
19	LITD 26 (28419)	Building intercom systems Part 3-2 Application guidelines Advanced security building intercom systems ASBIS
20	LITD 26 (28425)	Video surveillance systems for use in security applications Part 5-1 Data specifications and image quality performance for camera devices Environmental test methods for image quality performance
21	LITD 26 (28426)	Alarm and electronic security systems Social alarm systems Part 1 System requirements
22	LITD 26 (28427)	Alarm and electronic security systems Social alarm systems Part 3 Local unit and controller
23	LITD 26 (28428)	Video surveillance systems for use in security applications Part 2-33 Video transmission protocols Cloud uplink and remote management system access
24	LITD 26 (28429)	Building intercom systems Part 2 System requirements Building intercom systems using the Internet Protocol IP
25	LITD 26 (28432)	Video Surveillance Systems VSS for use in security applications - Part 2-11 Video transmission protocols - Interop profiles for VMS and cloud VSaaS systems for safe cities and law enforcement
26	LITD 26 (28434)	Alarm and electronic security systems - Social alarm systems - Part 2 Trigger devices
27	LITD 26 (28435)	Alarm and electronic security systems Social alarm systems Part 5 Interconnections and communications

Total Published Standards:30 Total Standards Under development:28

Aspect Wise Report

Product : 3
Code of Practices : 12
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 4
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 11

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 16910 (Part 2/Sec 2):2018 IEC 62676-2-2 : 2013 IEC 62676-2-2 : 2013	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 2 IP interoperability implementation based on HTTP and REST services
2	IS 16910 (Part 2/Sec 3):2018 IEC 62676-2-3 : 2013 IEC 62676-2-3 : 2013	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 3 IP interoperability implementation based on web services
3	IS/IEC 60839-7-2):2001 IEC 60839-7-2 : 2001 IEC 60839-7-2:2001	Alarm Systems Part 7 Message Formats and Protocols for Serial Data Interfaces in Alarm Transmission Systems Section 2 Common Application Layer Protocol

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 14132:2021	Walk-Through Metal Detector for Use in Concealed Weapon and Contraband Detection
2	IS 16910 (Part 5):2020 IEC 62676-5	Video Surveillance Systems for Use in Security Applications Part 5 Data Specifications and Image Quality Performance for Camera Devices

	IEC 62676-5:2018	
3	IS/IEC 62642-2-6):2010 IEC 62642-2-6:2010 IEC/IEEE 60079-30-2:2015	Alarm systems Intrusion and hold-up systems Part 2 Intrusion detectors Section 6 Opening contacts magnetic