BUREAU OF INDIAN STANDARDS

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 (O):** *Alarm and electronic security systems*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12126 : 1987 Reviewed In : 2020	Specification for hand held metal detectors (Frisking) for use in weapon detection	July, 2020	-	Indigenous
2	IS 14132 : 2021 NIJ 0601.02	Walk-Through Metal Detector for Use in Concealed Weapon and Contraband Detection		-	Modified/Technically Equivalent
3	IS 16910 (Part 1/Sec 1) : 2018 IEC 62676-1-1 : 2013 Reviewed In : 2021 IEC 62676-1-1 : 2013	Video Surveillance Systems for Use in Security Applications Part 1 System Requirements Section 1 General	May, 2021	-	Identical under dual numbering
4	IS 16910 (Part 1/Sec 2) : 2018 IEC 62676-1-2 : 2013 Reviewed In : 2021 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, 2021	-	Identical under dual numbering
5	IS 16910 (Part 2/Sec 1) : 2018 IEC 62676-2-1 : 2013 Reviewed In : 2021 IEC 62676-2-1 : 2013	Video Surveillance Systems for Use in Security Applications Part 2 Video Transmission Protocols Section 1 General requirements	May, 2021	-	Identical under dual numbering

6	IS 16910 (Part 2/Sec 2) : 2018 IEC 62676-2-2 : 2013 Reviewed In : 2021 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	May, 2021	-	Identical under dual numbering
7	IS 16910 (Part 2/Sec 31) : 2020 IEC 62676-2-31 : 2019 Reviewed In : 2023 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
8	IS 16910 (Part 2/Sec 32) : 2020 IEC 62676-2-32 : 2019 Reviewed In : 2023 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
9	IS 16910 (Part 3) : 2018 IEC 62676-3 : 2013 Reviewed In : 2021 IEC 62676-3 : 2013	Video Surveillance Systems for Use in Security Applications Part 3 Analog and Digital Video Interfaces	May, 2021	-	Identical under dual numbering
10	IS 16910 (Part 4) : 2018 IEC 62676-4 : 2014 Reviewed In : 2021 IEC 62676-4 : 2014	Video Surveillance Systems for Use in Security Applications Part 4 Application Guidelines	May, 2021	-	Identical under dual numbering
11	IS 16910 (Part 5) : 2020 IEC 62676-5 Reviewed In : 2023 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/IEC 60839-7-2 : 2001 IEC 60839-7-2 : 2001 Reviewed In : 2022 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	December, 2022	-	Identical under single numbering
13	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		-	Identical under single numbering
14	IS/IEC 60839-11-1 : 2013 IEC 60839-11-1 : 2013 Reviewed In : 2022 IEC 60839-11-1 : 2013	Alarm and Electronic Security Systems Part 11 Electronic Access Control Systems Section 1 System and components requirements	December, 2022	-	Identical under single numbering
15	IS/IEC 60839-11-2 : 2014 IEC 60839-11-2 :	Alarm and Electronic Security Systems Part 11 Electronic Access Control System Section 2	December, 2022	-	Identical under single numbering

	2014 Reviewed In : 2022 IEC 60839-11-2:2014	Application guidelines				
16	IS/IEC 60839-11-31 : 2016 IEC 60839-11-31 : 2016 Reviewed In : 2023 IEC 60839-11-31:2016	Alarm and Electronic Security Systems Part 11 Electronic Access Control Systems Section 31 Core interoperability protocol based on web dervices	December, 2023		-	Identical under single numbering
17	IS/IEC 62642-1 : 2010 IEC 62642-1 : 2010 Reviewed In : 2022 IEC 62642-1:2010	Alarm Systems — Intrusion and Hold-up Systems Part 1 System Requirements	December, 2022		-	Identical under single numbering
18	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			-	Identical under single numbering
19	IS/IEC 62642-3 : 2010 IEC 62642-3 : 2010 Reviewed In : 2022 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 Reviewed In : 2022 IEC 62642-7:2011	Alarm Systems — Intrusion and Hold-up Systems Part 7 Applications Guidelines	December, 2022		-	Identical under single numbering
21	IS/IEC 62820-1-1 : 2016 IEC 62820-1-1 : 2016 Reviewed In : 2021 IEC 62820-1-1:2016	Building Intercom Systems Part 1 System Requirements Section 1 General	December, 2021		-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
		No Records Found

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	LITD 26 (22102)	X-RAY BAGGAGE INSPECTION SYSTEM XBIS

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
	No Records Found	

Total Published Standards:21 Total Standards Under development:1

Aspect Wise Report

Product : 3
Code of Practices : 14
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 4
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	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

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 Reviewed In : 2023 IEC 62676-5:2018	Video Surveillance Systems for Use in Security Applications Part 5 Data Specifications and Image Quality Performance for Camera Devices
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