

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 13 : Interconnection and Information exchange among IT equipment and systems

Scope: Standardization in the field of: a) Computer communication networks and interfaces to these computer communication networks including microprocessor systems, interfaces, Protocols and associated interconnection media for IT equipment and networks. b) Home and building electronic systems in residential and commercial environments to support interworking devices (IoT-related) and applications such as energy management, environmental control, lighting, and security. c) Telecommunications dealing with information exchange between IT/ICT systems encompassing protocols and services of network layers.

Liaison: **ISO TC- 25 SC- 25 (P):** *Interconnection of information technology equipment* **ISO TC-6 SC-6 (P):** *Telecommunication and information exchange between systems*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1885 (Part 58) : 1984 <i>Reaffirmed In : 2018</i> <i>IEC 60050(701)</i>	Electrotechnical vocabulary Part 58 telecommunication channels and networks	January, 2018	-	Identical under dual numbering
2	IS 10735 : 2017 <i>Reaffirmed In : 2020</i> <i>ISO 2110</i>	Information technology - Data communication - 15 - Pole DTE DCE interface connector and contact number assignments First Revision	January, 2020	-	Identical under dual numbering
3	IS 10736 : 2016 <i>Reaffirmed In : 2019</i> <i>ISO 4902</i>	Information technology - Data communication - 37 - Pole DTE DCE interface connector and contact number assignments First Revision	November, 2019	-	Identical under dual numbering
4	IS 10737 : 2017 <i>Reaffirmed In : 2020</i> <i>ISO 4903</i>	Information technology - Data communication - 15 - Pole DTE DCE interface connector and contact number assignments First Revision	January, 2020	-	Identical under dual numbering
5	IS 11413 : 1986 <i>Reaffirmed In : 2016</i> <i>ISO 1177</i>	Character structure for start stop and synchronous transmission for information processing	January, 2016	-	Identical under dual numbering
6	IS 11414 : 1986 <i>Reaffirmed In : 2016</i> <i>ISO 1745</i>	Basic mode control procedures for data communication systems	January, 2016	-	Identical under dual numbering
7	IS 11416 : 1986 <i>Reaffirmed In : 2016</i> <i>ISO 2628</i>	Basic mode control procedures - Complements	January, 2016	-	Identical under dual numbering
8	IS/ISO/IEC 11801-1 : 2017 <i>11801-1 : 2017</i>	Information technology Generic cabling for customer premises Part 1 General requirements		-	Identical under single numbering

9	IS/ISO/IEC 11801-2 : 2017 11801-2	Information technology Generic cabling for customer premises Part 2 Office premises		-	Identical under single numbering
10	IS 12032 (Part 9) : 1993 Reaffirmed In : 2016 ISO 60617-9 :1983	Graphical symbols for diagrams in the field of electrotechnology Part 9 telecommunications switching and peripheral equipment	January, 2016	-	Identical under dual numbering
11	IS 12285 : 2018 ISO 7480: 1984[E]	Information technology - Telecommunications and information exchange between systems - Start - Stop transmission signal quality at DTE DCE interfaces First Revision	-	-	Identical under dual numbering
12	IS/ISO/IEC 13252 : 1999 ISO/IEC 13252 :1999	Information technology - Enhanced communications transport service definition		-	Identical under dual numbering
13	IS 13589 : 2018 ISO 8072 :1986	Information technology - Open systems interconnection - Transport service definition First Revision	-	-	Identical under dual numbering
14	IS 13611 : 1993 Reaffirmed In : 2019 ISO 8473:1988	Protocol for providing the connectionless - Mode network service in data communications for information processing systems	January, 2019	-	Identical under dual numbering
15	IS 13611 (Part 2) : 2017 Reaffirmed In : 2020 ISO/IEC 8473-2:1996	Information technology - Protocol for providing the connectionless - Mode network service Part 2 provision of the underlying service by an ISO IEC 8802 subnetwork	December, 2020	-	Identical under dual numbering
16	IS 13611 (Part 3) : 2017 Reaffirmed In : 2020 ISO/IEC 8473-3:1995	Information technology - Protocol for providing the connectionless Mode network service provision of the underlying service by an x 25 subnetwork	December, 2020	-	Identical under dual numbering
17	IS 13611 (Part 4) : 2017 Reaffirmed In : 2020 ISO/IEC 8473-4:1995	Information technology - Protocol for providing the connectionless Mode network service provision of the underlying service by a subnetwork that provides the OSI data link service	December, 2020	-	Identical under dual numbering
18	IS 13611 (Part 5) : 2017 Reaffirmed In : 2020 ISO/IEC 8473-5:1997	Information technology - Protocol for providing the connectionless Mode network service provision of the underlying service by ISDN circuit - Switched B - Channels	December, 2020	-	Identical under dual numbering
19	IS/ISO/IEC 13863 : 1998 ISO/IEC 13863:1998	Information Technology - Telecommunications and Information Exchange Between Systems - Private Integrated Services Network - Specification Functional Model and Information Flows - Path Replacement Additional Network Feature		-	Identical under single numbering
20	IS 13868 : 2018 ISO/IEC 8348 : 2002	Information technology - Open systems interconnection - Network service definition First Revision	-	-	Identical under dual numbering
21	IS 13919 : 2018	Information technology - Open	-	-	Identical under dual

	ISO/IEC 8073:1992	systems interconnection - Protocol for providing the connection - Mode transport service First Revision			numbering
22	IS 16333 (Part 1) : 2015 Reaffirmed In : 2021	Mobile Phone Handsets Part 1 Safety Requirements	February, 2021	-	Indigenous
23	IS 16333 (Part 3) : 2017 Reaffirmed In : 2020	Mobile phone handsets Part 3 indian language support for mobile phone handsets - Specific requirements First Revision	November, 2020	-	Indigenous
24	IS 16628 : 2018 ISO/IEC 11577:1995	Information Technology - Open Systems Interconnection - Network Layer Security Protocol		-	Identical under dual numbering
25	IS 16744 (Part 1) : 2018 Reaffirmed In : 2021 ISO/IEC 15045-1:2004	Information technology - Home electronic system HES gateway Part 1 A residential gateway model for hes	September, 2021	-	Identical under dual numbering
26	IS 16744 (Part 2) : 2018 Reaffirmed In : 2021 ISO/IEC 15045-2:2012	Information technology - Home electronic system HES gateway Part 2 modularity and protocol	September, 2021	-	Identical under dual numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 13 (18357)	Information Technology Home Electronic System HES Architecture Part 2-1 Introduction and device modularity
2	LITD 13 (18358)	Information Technology Home Electronic System HES Architecture Part 3-1 Communication Layers Application Layer for Network Based Control of HES Class 1
3	LITD 13 (18364)	Information Technology Home Electronic System HES Architecture Part 3-2 Communication Layers Transport Network and General Parts of Data Link Layer for Network Based Control of HES Class 1
4	LITD 13 (18365)	Information Technology Home Electronic System HES Architecture Part 3-3 User Process for Network Based Control of HES Class 1

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	LITD 13 (16376)	INFORMATION PROCESSING DATA ENCIPHERMENT PHYSICAL LAYER INTEROPERABILITY REQUIREMENTS
2	LITD 13 (16377)	Information processing systems - Information exchange between systems - Synchronous transmission signal quality at DTEDCE interfaces
3	LITD 13 (16397)	Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Specification functional model and information flows - Name identification supplementary services
4	LITD 13 (18354)	Information Technology Home Electronic System HES Application Model Part 3 Model of a Demand-Response Energy Management System for HES

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	LITD 13 (15420) Revision of: IS 16333:2017	Mobile phone handsets Part 3 indian language support for mobile phone handsets - Specific requirements Second Revision
2	LITD 13 (17076)	ELECTRO TECHNICAL VOCABULARY PART 58 TELECOMMUNICATION CHANNELS AND NETWORKS

Total Published Standards:24 Total Standards Under development:10

Aspect Wise Report

Product : 4
Code of Practices : 0
Methods of Test : 0
Terminology : 3
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 19
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1176 : 1977 Reaffirmed In : 1996	Dimensions For Aerial Rods And Slabs Made Of Ferrimagnetic Materials
2	IS 1885 (Part 26) : 1968 Reaffirmed In : 2016	Electrotechnical vocabulary Part 26 telecommunication relays
3	IS 7431 (Part 1) : 1974	Tests for magnetic properties of ferrite aerial rods Part 1 For long and medium wave receptions
4	IS 7431 (Part 2) : 1976	Test for magnetic properties of ferrite aerial rods Part 2 For short wave reception
5	IS 7489 : 1974 Reaffirmed In : 1996	Dimensions of Cross Cores X-Cores Made of Ferromagnetic Oxides and Associated Parts
6	IS 7717 : 1974 Reaffirmed In : 1996	General requirements and tests for magnetic cores for application in coincident current matrix stores having a nominal selection ratio of 2 1 and in linear select memory stores
7	IS 11418 (Part 1) : 1986 Reaffirmed In : 2016 ISO 3309: 1984[E]	High Level Data Link Control Procedures - Part I Frame Structure
8	IS 11418 (Part 2) : 1986 Reaffirmed In : 2016 ISO 11418-2 : 2016	High Level Data Link Control Procedures - Part 2 Consolidation of Elements of Procedures
9	IS 11418 (Part 3) : 1986 Reaffirmed In : 2015 ISO	High Level Data Link Control Procedures - Part 4 Coonsolidation of Classes of Procedures

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS/ISO/IEC 11801-1 : 2017	Information technology Generic cabling for customer premises Part 1 General requirements
2	IS/ISO/IEC 11801-2 : 2017	Information technology Generic cabling for customer premises Part 2 Office premises
3	IS 16333 (Part 1) : 2015 Reaffirmed In : 2021	Mobile Phone Handsets Part 1 Safety Requirements
4	IS 16333 (Part 3) : 2017 Reaffirmed In : 2020	Mobile phone handsets Part 3 indian language support for mobile phone handsets - Specific requirements First Revision