ELECTRONICS AND INFORMATION TECHNOLOGY DEPARTMENT

Our Ref: LITD 16/G-1 & LITD/G-25   19 June 2020

Subject: Reaffirmation of Indian Standards by LITD 16

The Indian Standards given in **Annex -** 1 have been reaffirmed by the **Computer hardware, peripherals and Identification cards Sectional committee, LITD 16** for a further period of three years from June 2020 as mentioned in Annex - 1.

Director (Sales)/DPT/D(PUB)/DLSC may kindly take suitable action for affixing the year of reaffirmation to these Indian Standards.

(Reena Garg)
Sc `F'& Head (Electronics & IT)

Encl: As above

D(Sales)

D(PUB)

DLSC

All RO/BOs/Deptts. of BIS – for information please   (Through mail)

ITS Dept - with the request to upload the information on BIS intranet

Annex I

Sl. No.	IS No.	Title
1.	IS 14176 : 1994 ISO 9660:1988	Information processing - Volume and file structure of CD - ROM for information interchange
2.	IS/ISO/IEC 10373 (Part 7) : 2008 ISO/IEC 10373-7 : 2008	Identification Cards Test Methods Part 7 Vicinity Cards
3.	IS 14147 (Part 1) : 2018 ISO/IEC 7811-1:2002	Identification Cards - Recording Technique Part 1 Embossing Second Revision
4.	IS 14147 (Part 2) : 2018 ISO/IEC 7811-2:2001	Identification cards - Recording technique - Part 6: Magnetic stripe: High coercivity
5.	IS 14147 (Part 7) : 2018 ISO/IEC 7811-7:2004	Identification cards - Recording technique Part 7 magnetic stripe - High coercivity high density First Revision
6.	IS 14202 (Part 4) : 2014 ISO/IEC 7816-4:2013	Identification cards - Integrated circuit cards Part 4 organization Security and commands for interchange
7.	IS 14202 (Part 6) : 2018 ISO/IEC 7816-6:2004	Identification cards - Integrated circuit cards - Part 6: Interindustry data elements for interchange
8.	IS 14202 (Part 8) : 2013 ISO/IEC 7816-8:2004	Identification cards - Integrated circuit cards Part 8 commands for security operations
9.	IS 14202 (Part 9) : 2013 ISO/IEC 7816-9:2004	Identification cards - Integrated circuit cards Part 9 commands for card management
10.	IS 14202 (Part 11) : 2013 ISO/IEC 7816-11:2004	Identification cards - Integrated circuit cards Part 11 personal verification through biometric methods
11.	IS 13384 (Part 1) : 1992	Cathode ray tube based data display monitor - Specification Part 1 colour
12.	IS 13384 (Part 2) : 1997	Cathode ray tube based data display monitor – Specification Part 2 monochrome
13.	IS 1885 (Part 52 / Sec 3) : 1980	Electrotechnical vocabulary Part 52 data processing Sec 3 equipment technology
14.	IS 1885 (Part 59) : 1986	Electrotechnical vocabulary Part 69 educational or training equipment and systems
15.	IS 14441 : 1997	Specification for keyboard
16.	IS 14486 : 1997	General purpose dot matrix printer – Specification
17.	IS 14886 : 2000	Switch mode power supply - Specification

18.	IS 14896 : 2001	Personal computer – Specification
19.	IS 15062 : 2001	Floppy disk drive - Specification
20.	IS 14202 (Part 4) : 2014 ISO/IEC 7816-4:2013	Identification cards - Integrated circuit cards Part 4 organization Security and commands for interchange
21.	IS 11402 (Part 1) : 1986 ISO 3562:1976	Interchangeable magnetic single disk cartridge top loaded Part 1 physical and magnetic characteristics
22.	IS 11404 (Part 2) : 1986 ISO 6596-2:1985	Specification for data interchange on 130 mm single sided 1 9 tpmm flexible disk cartridges using two frequency recording Part 2 track format
23.	IS 11405 (Part 2) : 1986 ISO 7487-2:1986	Specification for data interchange on 130 mm double sided 1 9 tpmm flexible disk cartridges using 3 frequency modulation recording Part 2 track format
24.	IS 11406 : 1986 ISO 7665:1983	File structure and Labelling of flexible disk cartridges for information interchange
25.	IS 11408 : 2006 ISO 1864:1992	Information technology - Unrecorded 12 7 mm 0 5 In wide magnetic tape for information interchange - 32 ftpmm 800 Ftpinrzi 126 ftpmm 3 200 Ftpi phase encoded and 356 ftpmm 9 042 Ftpinrzi First Revision
26.	IS 11409 : 2006 ISO/IEC 1863:1990	Information processing - 9 - Track 12 7 mm 0 5 In wide magnetic tape for information interchange using NRZI at 32 ftpmm 800 Ftpi - 32 cpmm 800 Cpi First Revision
27.	IS 11410 : 2006 ISO/IEC 3788:1990	Information processing - 9 - Track 12 7 mm 0 5 In wide magnetic tape for information interchange using phase encoding at 126 ftpmm 3 200 Ftpi - 63 cpmm 1 600 Cpi First Revision
28.	IS 11411 : 1986 ISO 5652:1984	Specification for 9 - Track 12 7mm wide magnetic tape format and recording using group coding at 246 cpmm for information processing
29.	IS 11853 (Part 1) : 1987 ISO 8378-1:1986	Data Interchange On 130 Mm Double Sided 3 8 Tpmm Flexible Disk Cartridges Using Modified Frequency Modulation Recording - Part 1 Dimensional Physical And Magnetic Characteristics
30.	IS 11853 (Part 2) : 1986 ISO DIS 8378-2:1986	Specification for data interchange on 130 mm double sided 3 8 tpmm flexible disk cartridges using 3 frequency modulation recording Part 2 track format a
31.	IS 11853 (Part 3) : 1986 ISO DIS 8378-3:1986	Data Interchange on 130 mm Double Sided 3 8 tpmm Flexible Disk Cartridge Using Modified Frequency Recording - Part 3 Track Format B
32.	IS 12223 (Part 1) : 1987 ISO 8063-1:1986	Specification for 6 30 mm wide magnetic tape cartridge using imfm recording Part 1 mechanical physical and magnetic properties
33.	IS 12223 (Part 2) : 1989 ISO 8063-2:1986	Data Interchange on 6 30 mm Wide Magnetic Tape Cartridge Using IMFM Recording at 252 ftpmm - Part 2 Track Format and Method of

		Recording For Data Interchange in Start Stop Mode
34.	IS 12327 (Part 1) : 1988 ISO 8630-1:1987	Information processing - Data interchange on 130 mm flexible disk cartridges using 3 frequency modulation recording at 13 262 ftprad on 80 tracks on each side Part 1 dimensional physical and magnetic characteristics
35.	IS 12327 (Part 3) : 1989 ISO 8630-3:1987	Specification for data interchange on 130 mm double sided 3 8 tpmm high density flexible disk cartridge using 3 frequency modulation recording at 13 262 ftprad Part 3 Track Format B For 80 Tracks
36.	IS 12660 : 1989 ISO 4341:1978	Information processing - Magnetic tape cassette and cartridge labelling and file structure for information interchange
37.	IS 12876 : 1989 ISO 3407:1983	Specification for information interchange on 3 81 mm magnetic tape cassette at 4 cpmm phase encoded at 63 ftpmm
38.	IS 12922 (Part 1) : 1989 IS0 9880-1 :1987	Specification for 90 mm flexible disk cartridge using 3 - Frequency recording at 7 958 ftprad on 80 tracks on each side Part 1 dimensional physical and magnetic characteristics
39.	IS 12922 (Part 2) : 1989 ISO 8860-2:1987	Specification for 90 mm flexible disk cartridge using 3 frequency r - Ecording at 7 958 ftprad on 80 tracks on each side Part 2 track format
40.	IS 13737 : 1993 ISO/IEC 10089:1991	Information technology - 130 mm rewritable optical disk cartridge for information interchange
41.	IS 13738 (Part 1) : 1993 ISO/IEC 9529-1:1989	Information processing systems - Data interchange on 90 mm flexible disk cartridges using 3 frequency modulation recording at 15 916 ftprad on 80 tracks on each side Part 1 dimensional physical and magnetic characteristics
42.	IS 13738 (Part 2) : 1993 ISO/IEC 9529-2:1989	Information processing systems - Data interchange on 90 mm flexible disk cartridges using 3 frequency modulation recording at 15 916 ftprad on 80 tracks on each side Part 2 track - Format
43.	IS 14173 (Part 1) : 2012 ISO/IEC 7812-1:2006	Identification cards - Identification of issuers Part 1 numbering system Second Revision
44.	IS 14173 (Part 2) : 2012 ISO/IEC 7812-2-2007	Identification cards - Identification of issuers Part 2 application and registration procedures Second Revision
45.	IS 14174 : 2013 ISO/IEC 7813:2006	Information technology - Identification cards - Financial transaction cards First Revision
46.	IS 14176 : 1994 ISO 9660:1988	Information processing - Volume and file structure of CD - ROM for information interchange
47.	IS 14202 (Part 1) : 2014 ISO/IEC 7816-1:2011	Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics Second Revision
48.	IS 14202 (Part 2) : 2014 ISO 7816-2:2007	Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision
49.	IS 14202 (Part 3) : 2013 ISO/IEC 7816-3:2006	Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision
50.	IS 14202 (Part 5) : 2013	Identification cards - Integrated circuit cards Part 5 registration of

	ISO/IEC 7816-5:2004	application providers First Revision
51.	IS 14202 (Part 7) : 2013 ISO/IEC 7816-7:1999	Identification cards - Integrated circuit cards Part 7 interindustry commands for structured card query language SCQL
52.	IS 14202 (Part 10) : 2013 ISO/IEC 7816-10:1999	Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for synchronous cards
53.	IS 14202 (Part 12) : 2014 ISO/IEC 7816-12:2005	Identification cards - Integrated circuit cards Part 12 cards with contacts - Usb electrical interface and operating procedures
54.	IS 14202 (Part 13) : 2013 ISO/IEC 7816-13:2007	Identification cards - Integrated circuit cards Part 13 commands for application management in a multi - Application environment
55.	IS 14701 : 1999 ISO/IEC 10090:1992	Information technology - 90 mm optical disk cartridges rewritable and read only for data interchange
56.	IS 15189 : 2002 ISO/IEC 10149:1995	Information technology - Data interchange on read - Only 120 mm optical data disks Cd - Rom
57.	IS 14202 (Part 8) : 2013 ISO/IEC 7816-8:2004	Identification cards - Integrated circuit cards Part 8 commands for security operations
58.	IS 14202 (Part 9) : 2013 ISO/IEC 7816-9:2004	Identification cards - Integrated circuit cards Part 9 commands for card management
59.	IS 14202 (Part 11) : 2013 ISO/IEC 7816-11:2004	Identification cards - Integrated circuit cards Part 11 personal verification through biometric methods