BUREAU OF INDIAN STANDARDS

Program of Work

LITD 16: Identification & Data capture techniques, Cards and Security Devices

Scope: Standardization in the area of: a) Smart Cards, Identification cards, security devices and

interface associated with their use in inter-industry applications and international interchange.

b) Data formats, data syntax, data structures, data encoding, and technologies for the process of automatic identification and data capture and of associated devices utilized in inter-industry

applications and international business interchanges and for mobile applications.

Liaison: ISO/IEC/JTC1 TC- SC-17 (P): Cards and security devices for personal

identification ISO/IEC/JTC1 TC- SC-17 (P): Physical characteristics and test methods for ID-cards ISO/IEC/JTC1 TC- SC-31 (P): Automatic identification and data capture techniques

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO/IEC 10373-1	Cards and security devices for		-	Identical under single
	: 2020	personal identification Test			numbering
	ISO/IEC	methods Part 1: General			
	10373-1:2020	characteristics			
	ISO/IEC				
	10373-1:2020				
2		Identification cards - Test methods		-	Identical under single
	: 2015	- Part 2: Cards With Magnetic			numbering
	ISO/IEC	Stripes			
	10373-2:2015				
	ISO/IEC				
	10373-2:2015				
3	IS/ISO/IEC 10373-3	Cards and Security Devices for		-	Identical under single
	: 2018	Personal Identification — Test			numbering
	ISO/IEC	Methods Part 3 Integrated Circuit			
	10373-3:2018	Cards with Contacts and Related			
	ISO/IEC	Interface Devices			
	10373-3:2018				
4	IS/ISO/IEC 10373-5	Identification Cards - Test	May, 2022	-	Identical under dual
	: 2014	Methods Part 5 Optical Memory			numbering
	ISO/IEC 10373-5:	Cards			
	2014				
	Reviewed In: 2022				
	ISO/IEC 10373-5:				
	2014				
5	IS/ISO/IEC 10373-6		May, 2022	-	Identical under dual
	: 2016	Methods Part 6 Proximity Cards			numbering
	ISO/IEC 10373-6:				
	2016				
	Reviewed In: 2022				
	ISO/IEC 10373-6:				
<u> </u>	2016				

7	IS/ISO/IEC 10373-7 : 2019 ISO/IEC 10373-7:2019 ISO/IEC 10373-7:2019 IS/ISO/IEC 10373-8	personal identification Test methods Part 7: Contactless vicinity objects First Revision (First Revision)		-	Identical under single numbering
,	: 2011 ISO/IEC 10373-8:2011 ISO/IEC 10373-8:2011	Part 8: USB-ICC		-	Identical under single numbering
8	IS/ISO/IEC 10373-9 : 2011 ISO/IEC 10373-9:2011 ISO/IEC 10373-9:2011	Identification Cards — Test Methods Part 9 Optical Memory Cards — Holographic Recording Method		-	Identical under single numbering
9	: 2000 ISO/IEC10536-1 : 2000 Reviewed In : 2022 ISO/IEC 10536-1 : 2000	Identification Cards — Contactless Integrated Circuit(s) Cards — Close-Coupled Cards Part 1 Physical Characteristics	May, 2022	-	Identical under single numbering
10	IS/ISO/IEC 10536-2 : 1995 ISO/IEC 10536-2: 1995 Reviewed In: 2022 ISO/IEC 10536-2: 1995	Identification Cards - Contactless Integated Circuit (s) Cards Part 2 Dimensions and Location of Coupling Areas	May, 2022	-	Identical under single numbering
11	IS/ISO/IEC 10536-3 : 1996 ISO/IEC 10536-3: 1996 Reviewed In: 2022 ISO/IEC 10536-3: 1996	Identification Cards - Contactless Integrated Circuit (s) Cards Part 3 Electronic Signals and Reset Procedures	May, 2022	-	Identical under single numbering
12	IS 12736 : 1989 ISO 1831 Reviewed In : 2023 ISO 1831 : 1980	Printing specifications for optical character recognition	March, 2023	-	Identical under dual numbering
13	IS 12755 (Part 1): 1989 ISO 1073/1 Reviewed In: 2021 ISO 1073-1: 1976	Alphanumeric character sets for optical recognition: Part 1 character set OCR - A - Shapes and dimensions of the printed image	February, 2021	-	Identical under dual numbering
14	IS 12755 (Part 2): 1989 ISO 1073/2 Reviewed In: 2021 ISO 1073 - 2: 1976	Alphanumeric character sets for optical - Recognition: Part 2 character set OCR - B - Shapes and dimensions of the printed image	August, 2021	-	Identical under dual numbering
15	IS 14147 (Part 1): 2021 ISO/IEC 7811-1:2014 ISO/IEC7811-1: 2018	Identification Cards Recording Technique Part 1 Embossing		-	Identical under dual numbering

16	IS 14147 (Part 2): 2021 ISO 7811-2:2014 ISO/IEC7811-2: 2018	Identification cards Recording technique part 2 Magnetic stripe Low coercivity		-	Identical under dual numbering
17	IS 14147 (Part 7): 2021 ISO/IEC 7811-7:2014 ISO/IEC 7811-7: 2018	Identification Cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Density		-	Identical under dual numbering
18	IS 14172 : 2021 ISO/IEC 7810:2003 ISO/IEC 7810:2003	Identification Cards Physical Characteristics		-	Identical under dual numbering
19	IS 14173 (Part 1): 2022 ISO/IEC 7812-1:2017 ISO/IEC 7812-1:2017	Identification cards Identification of issuers Part 1: Numbering system		-	Identical under dual numbering
20	IS 14173 (Part 2): 2022 ISO/IEC 7812-2:2017 ISO/IEC 7812-2:2017	Identification cards Identification of issuers Part 2: Application and registration procedures		-	Identical under dual numbering
21	IS 14174 : 2013 ISO/IEC 7813:2006 Reviewed In : 2022 ISO/IEC 7813:2006	Information technology - Identification cards - Financial transaction cards (First Revision)	May, 2022	-	Identical under dual numbering
22	IS 14202 (Part 1): 2014 ISO/IEC 7816-1:2011 Reviewed In: 2022 ISO/IEC 7816-1:2011	Identification cards - Integrated circuit cards: Part 1 cards with contacts - Physical characteristics (Second Revision)	May, 2022	-	Identical under dual numbering
23	IS 14202 (Part 2): 2014 ISO 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-2:2007	Identification cards - Integrated circuit cards: Part 2 cards with contacts - Dimensions and location of the contacts (Second Revision)	May, 2022	-	Identical under dual numbering
24	IS 14202 (Part 3): 2013 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006	Identification cards - Integrated circuit cards: Part 3 cards with contacts - Electrical interface and transmission protocols (First Revision)	May, 2022	-	Identical under dual numbering
25	IS 14202 (Part 4): 2021 ISO/IEC7816-4: 2020 ISO/IEC7816-4: 2020	Identification cards Integrated circuit cards Part 4: Organization security and commands for interchange First Revision		-	Identical under dual numbering
26	IS 14202 (Part 5): 2013 ISO/IEC	Identification cards - Integrated circuit cards: Part 5 registration of application providers (First	May, 2022	-	Identical under dual numbering

1	7816-5:2004	Pavision)		1	I
	Reviewed In : 2022	Revision)			
	ISO/IEC				
	7816-5:2004				
27	IS 14202 (Part 6):	Identification cards — Integrated	May, 2022	-	Identical under dual
	2018	circuit cards — Part 6:	•		numbering
	ISO/IEC	Interindustry data elements for			
	7816-6:2016	interchange			
	Reviewed In: 2022				
	ISO/IEC				
	7816-6:2016				
28	IS 14202 (Part 7):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2013	circuit cards: Part 7 interindustry			numbering
	ISO/IEC	commands for structured card			
	7816-7:1999	query language (SCQL)			
	Reviewed In: 2022				
	ISO/IEC				
20	7816-7:1999	XI de la IX			X1 1 1 1 1
29	IS 14202 (Part 8):	Identification cards Integrated		-	Identical under dual
	2021 ISO/IEC7816-8 :	circuit cards Part 8: Commands			numbering
	2019	and mechanisms for security operations First Revision			
	ISO/IEC7816-8 :	operations First Revision			
	2019				
30	IS 14202 (Part 9):	Identification cards Integrated		<u> </u>	Identical under dual
		circuit cards Part 9: Commands for			numbering
	ISO/IEC7816-9:201	card management First Revision			indinio or mg
	7				
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	ISO/IEC7816-9:201				
	7				
31	IS 14202 (Part 10):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2013	circuit cards: Part 10 electronic			numbering
	ISO/IEC	signals and answer to reset for			
	7816-10:1999	synchronous cards			
	Reviewed In: 2022				
	ISO/IEC				
20	7816-10:1999	T1 ('C' .' 1 T 1			T1 2 1 1 1 1
32	IS 14202 (Part 11): 2021	Identification cards Integrated circuit cards Part 11: Personal		-	Identical under dual
	ISO/IEC7816-11				numbering
	ISO/IEC7816-11 :	verification through biometric methods First Revision			
	2017	methods I fist Revision			
33	IS 14202 (Part 12):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2014	circuit cards: Part 12 cards with	, 2022		numbering
	ISO/IEC	contacts - Usb electrical interface			
	7816-12:2005	and operating procedures			
	Reviewed In: 2022				
	ISO/IEC				
	7816-12:2005				
34	IS 14202 (Part 13):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2013	circuit cards: Part 13 commands			numbering
	ISO/IEC	for application management in a			
	7816-13:2007	multi - Application environment			
	Reviewed In: 2022				
	ISO/IEC				
25	7816-13:2007	Identification condex :		1	Identical and 1 1
35	IS 14202 (Part 15): 2022	Identification cards Integrated circuit cards Part 15:		_	Identical under dual
	2022	Circuit Carus Falt 13:			numbering

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	ISO/IEC	Cryptographic information			
	7816-15:2016	application			
	ISO/IEC				
36	7816-15:2016 IS/ISO/IEC 14443-1	Cards and security devices for			Identical under single
30	: 2022	personal identification Contactless		-	Identical under single numbering
	14443-1:2018	proximity objects Part 1: Physical			numbering
	14443-1:2018	characteristics			
37	IS/ISO/IEC 14443-2				Identical under single
	: 2020	personal identification Contactless			numbering
	14443-2:2020	proximity objects Part 2: Radio			numbering
	14443-2:2020	frequency power and signal			
	11113 2.2020	interface			
38	IS/ISO/IEC 14443-3			_	Identical under single
	: 2018	personal identification Contactless			numbering
	14443-3:2018	proximity objects Part 3:			numeting
	14443-3:2018	Initialization and anticollision			
39	IS/ISO/IEC 14443-4			-	Identical under single
	: 2018	personal identification Contactless			numbering
	14443-4:2018	proximity objects Part 4:			
	14443-4:2018	Transmission protocol			
40	IS 15414 : 2018	Identification cards - Financial	May, 2022	-	Identical under dual
	ISO/IEC 4909 : 2006	transaction cards - Magnetic stripe	-		numbering
	Reviewed In: 2022	data content for track 3 (First			
	ISO/IEC 4909:2006	Revision)			
41	IS/ISO/IEC 15693-1	Cards and security devices for		-	Identical under single
	: 2018	personal identification Contactless			numbering
	ISO/IEC	vicinity objects Part 1: Physical			
	15693-1:2018	characteristics			
	ISO/IEC				
	15693-1:2018				
42	IS/ISO/IEC 15693-2	•		-	Identical under single
	: 2022	personal identification Contactless			numbering
	ISO/IEC	vicinity objects Part 2: Air			
	15693-2:2019	interface and initialization			
	ISO/IEC				
12	15693-2:2019				T1 (' 1 1 ' 1
43	IS/ISO/IEC 15693-3	3		-	Identical under single
	: 2019 ISO/IEC	personal identification Contactless			numbering
		vicinity objects Part 3: Anticollision and transmission			
	15693-3:2019 ISO/IEC				
	15693-3:2019	protocol			
44	IS/ISO/IEC 15963-1	Information technology Radio			Identical under single
	: 2020	frequency identification for item]	numbering
	ISO/IEC	management Part 1: Unique			numbering
	15963-1:2020	identification for RF tags			
	ISO/IEC	numbering systems			
	15963-1:2020	namoering systems			
45	IS/ISO/IEC 15963-2	Information technology ï;½ Radio		-	Identical under single
	: 2020	frequency identification for item			numbering
	ISO/IEC	management � Part 2: Unique			
	15963-2:2020	identification for RF tags			
	ISO/IEC	registration procedures			
	15963-2:2020				
46	IS 16695 (Part 1):	SCOSTA: Smart Card Operating		-	Indigenous
		System Template Architecture Part			
L		1 Basic Command Set		<u> </u>	
47	IS 16695 (Part 2):	SCOSTA: Smart Card Operating		-	Indigenous
I	I	I		1	I

	2022	System Template Architecture Part			
		2 Public Key Infrastructure			
48	IS/ISO/IEC 18000-2	23		-	Identical under single
	: 2022	frequency identification for item			numbering
	ISO/IEC 18000-2	management Part 2: Parameters for			
	ISO/IEC 18000-2	air interface communications			
10	YG 17GO 17FG 10000 2	below 135 kHz			*
49	IS/ISO/IEC 18000-3	23		-	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 3: Parameters for			
	18000-3:2010 ISO/IEC	air interface communications at 1356 MHz			
	18000-3:2010	1330 MHZ			
50	IS/ISO/IEC 18000-4	Information technology Radio			Identical under single
	: 2022	frequency identification for item		_	numbering
		management Part 4: Parameters for			numbering
	18000-4:2018	air interface communications at			
	ISO/IEC	245 GHz			
	18000-4:2018	2.0 012			
51	IS/ISO/IEC 18000-6	Information technology Radio		-	Identical under single
	: 2022	frequency identification for item			numbering
	ISO/IEC	management Part 6: Parameters for			C
	18000-6:2013	air interface communications at			
	ISO/IEC	860 MHz to 960 MHz General			
	18000-6:2013				
52	IS/ISO/IEC 18000-7	23		-	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 7: Parameters for			
	18000-7:2014	active air interface			
	ISO/IEC	communications at 433 MHz			
	18000-7:2014	7.6			**
53	IS/ISO/IEC	Information technology Radio		-	Identical under single
	18000-61 : 2012 ISO/IEC	frequency identification for item			numbering
		management Part 61: Parameters for air interface communications at			
	ISO/IEC	860MHz to 960MHz Type A			
	18000-61:201	800WHZ to 900WHZ Type A			
54	IS/ISO/IEC	Information technology Radio		_	Identical under single
	18000-62 : 2012	frequency identification for item			numbering
	ISO/IEC	management Part 62: Parameters			nome or mg
	18000-62:201	for air interface communications at			
	ISO/IEC	860MHz to 960 MHz Type B			
	18000-62:201				
55	IS/ISO/IEC	Information technology Radio		-	Identical under single
	18000-64 : 2012	frequency identification for item			numbering
	ISO/IEC	management Part 64: Parameters			
		for air interface communications at			
	ISO/IEC	860MHz to 960 MHz Type D			
-	18000-64:201	Information ()			T441 1 1 1
56		Information technology Automatic		-	Identical under single
	2015 18004:2015	identification and data capture techniques QR Code bar code			numbering
	ISO/IEC	symbology specification			
	18004:2015	symbology specification			
57	IS/ISO/IEC/TR	Identification Cards �		_	Identical under single
"	18268 : 2013	Contactless Integrated Circuit			numbering
	ISO/IEC TR	Cards � Proximity Cards �			
	18268:2013	Multiple PICCs in a Single PCD			
	ISO/IEC TR	Field			
I	l	ı	l I		l

	18268:2013			
58	IS/ISO/IEC 18745-1	Test methods for machine readable	=	Identical under single
	: 2018	travel documents MRTD and		numbering
	ISO/IEC	associated devices Part 1: Physical		
	18745-1:2018	test methods for passport books		
	ISO/IEC	durability		
	18745-1:2018			

Standards under Development

		Projects Approved	
SI. No.	Doc No.	Title	
	No Records Found		

		Preliminary Draft Standards	
SI. No.	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.	SI. No. Doc No. Title			
	No Records Found			

	Finalized Draft Indian Standard				
SI. No.	Doc No.	Title			
1	LITD 16 (19783) Revision	Cards and security devices for personal identification - Test methods - Part 6 Contactless			
	of: IS/ISO/IEC 10373:2016	proximity objects First Revision			
2	LITD 16 (19787) Revision	Identification Cards - Integrated Circuit Cards Part 6 Interindustry Data Elements for Interchange			
	of: IS 14202:2018	Third Revision			
3	LITD 16 (19788)	Identification cards - Integrated circuit cards Part 12 cards with contacts - USB electrical			
		interface and operating procedures Amendment - 1			

Finalized Draft Indian Standards under Print			
SI. No.	Doc No.	Title	
1	LITD 16 (18910) Revision	Identification cards Physical characteristics	
	of: IS 14172:2021		

Total Published Standards:57 Total Standards Under development:4

Aspect Wise Report

Product: 38
Code of Practices: 4
Methods of Test: 5
Terminology: 0
Dimensions: 0
System Standard: 1
Safety Standard: 1

Others: 8 Service Specification: 0 Process Specification: 1

Unclassified: 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10690 : 1983	Unpunched Paper Cards Used For Information Processing
2	IS 10997 : 1984	Unpunched Paper Tape for Information Interchange
3	IS 14147 (Part 5): 1994 Reviewed In: 2003	Identification cards - Recording technique Part 5 Location of read-write magnetic track - Tracks 3
4	IS 14173 : 1994 ISO 7812:1987 Reviewed In : 2016 ISO 7812:1987	Identification Cards - Numbering System and Registration Procedure for Issuer Identifier
5	IS 1885 (Part 13/Sec 1): 1968	Electrotechnical vocabulary Part 13 - Telecommunication transmission lines and waveguides Sec 1 - General transmission lines
6	IS 1885 (Part 13/Sec 2): 1967	Electrotechnical vocabulary Part 13 - Telecommunication transmission lines and waveguides Sec 2 - Microwave transmission lines and waveguides
7	IS 3826 (Part 1): 1966	Connectors for frequencies below 3 MHz Part 1 General requirements and tests

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS/ISO/IEC 10373-1 : 2020	Cards and security devices for personal identification Test methods Part 1 General characteristics
	ISO/IEC 10373-1:2020	
2	IS/ISO/IEC 10373-3:2018	Cards and Security Devices for Personal Identification Test Methods Part 3 Integrated Circuit
	ISO/IEC 10373-3:2018	Cards with Contacts and Related Interface Devices
3	IS/ISO/IEC 10373-7 : 2019	Cards and security devices for personal identification Test methods Part 7 Contactless vicinity
)	ISO/IEC 10373-7:2019	objects First Revision First Revision
	63042-101	objects that Revision that Revision
4	IS/ISO/IEC 10536-1 : 2000	Identification Cards Contactless Integrated Circuit s Cards Close-Coupled Cards Part 1 Physical
	ISO/IEC10536-1:2000	Characteristics
	Reviewed In:	
	2022 ISO/IEC 10536-1 :	
	2000	
5	IS/ISO/IEC 10536-2 : 1995	Identification Cards - Contactless Integated Circuit s Cards Part 2 Dimensions and Location of
	ISO/IEC 10536-2 : 1995	Coupling Areas
	Reviewed In:	
	2022 ISO/IEC 10536-2 :	
	1995	
6	IS/ISO/IEC 10536-3: 1996	Identification Cards - Contactless Integrated Circuit's Cards Part 3 Electronic Signals and Reset
	ISO/IEC 10536-3 : 1996	Procedures
	Reviewed In:	
	2022 ISO/IEC 10536-3 :	
7	1996 IS 14147 (Part 1) : 2021	Identification Cards Recording Technique Part 1 Embossing
/	ISO/IEC 7811-1:2014	identification Cards Recording Technique Fart I Embossing
	ISO 10993-18:2020	
8	IS 14147 (Part 2) : 2021	Identification cards Recording technique part 2 Magnetic stripe Low coercivity

1	ISO 7811-2:2014	i I
	11801-1 : 2017	
9	IS 14147 (Part 7): 2021	Identification Cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Density
	ISO/IEC 7811-7:2014	
	60974-12:2022	
10	IS 14172 : 2021	Identification Cards Physical Characteristics
	ISO/IEC 7810:2003	
	ISO 16409:2016	
11	IS 14173 (Part 1): 2022	Identification cards Identification of issuers Part 1 Numbering system
	ISO/IEC 7812-1:2017	
12	IG 14172 (D + 2) 2022	The desired of the state of the
12	IS 14173 (Part 2): 2022	Identification cards Identification of issuers Part 2 Application and registration procedures
	ISO/IEC 7812-2:2017 IEC TS 63042-102:2021	
13	IS 14174 : 2013	Information technology - Identification cards - Financial transaction cards First Revision
13	ISO/IEC 7813:2006	miorination technology - Identification cards - Financial transaction cards First Revision
	Reviewed In :	
	2022 ISO/IEC 7813:2006	
14	IS 14202 (Part 1): 2014	Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics
	ISO/IEC 7816-1:2011	Second Revision
	Reviewed In:	
	2022 ISO/IEC 7816-1:2011	
15	IS 14202 (Part 2): 2014	Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location
	ISO 7816-2:2007	of the contacts Second Revision
	Reviewed In:	
	2022 ISO/IEC 7816-2:2007	
16	IS 14202 (Part 3): 2013	Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and
	ISO/IEC 7816-3:2006	transmission protocols First Revision
	Reviewed In:	
17	2022 ISO/IEC 7816-3:2006	
17	IS 14202 (Part 4) : 2021 ISO/IEC7816-4 : 2020	Identification cards Integrated circuit cards Part 4 Organization security and commands for
	ISO 22259:2019	interchange First Revision
18	IS 14202 (Part 5) : 2013	Identification cards - Integrated circuit cards Part 5 registration of application providers First
10	ISO/IEC 7816-5:2004	Revision
	Reviewed In:	
	2022 ISO/IEC 7816-5:2004	
19	IS 14202 (Part 6): 2018	Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange
	ISO/IEC 7816-6:2016	
	Reviewed In:	
	2022 ISO/IEC 7816-6:2016	
20	IS 14202 (Part 8): 2021	Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security
	ISO/IEC7816-8 : 2019	operations First Revision
21	IC 14202 (P+ 0) 2021	Identification could Internated circuit and Part O.C. and the C
21	IS 14202 (Part 9) : 2021 ISO/IEC7816-9:2017	Identification cards Integrated circuit cards Part 9 Commands for card management First Revision
	ISO/IEC/810-9:201/	
22	IS 14202 (Part 10) : 2013	Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for
1 22	ISO/IEC 7816-10:1999	synchronous cards
	Reviewed In :	Synthian dia dia dia
	2022 ISO/IEC	
	7816-10:1999	
23	IS 14202 (Part 11): 2021	Identification cards Integrated circuit cards Part 11 Personal verification through biometric
	ISO/IEC7816-11	methods First Revision
	ISO 8102-6:2019	
24	IS 14202 (Part 12): 2014	Identification cards - Integrated circuit cards Part 12 cards with contacts - Usb electrical interface
	ISO/IEC 7816-12:2005	and operating procedures
	Reviewed In:	
	2022 ISO/IEC	
		·

	7816-12:2005	
25	IS 14202 (Part 13): 2013	Identification cards - Integrated circuit cards Part 13 commands for application management in a
	ISO/IEC 7816-13:2007	multi - Application environment
	Reviewed In:	
	2022 ISO/IEC	
	7816-13:2007	
26	IS 14202 (Part 15): 2022	Identification cards Integrated circuit cards Part 15 Cryptographic information application
	ISO/IEC 7816-15:2016	
	ISO 21621:2021	
27	IS 15414 : 2018	Identification cards - Financial transaction cards - Magnetic stripe data content for track 3 First
	ISO/IEC 4909 : 2006	Revision
	Reviewed In:	
	2022 ISO/IEC 4909:2006	
28	IS 16695 (Part 1): 2022	SCOSTA Smart Card Operating System Template Architecture Part 1 Basic Command Set
29	IS 16695 (Part 2) : 2022	SCOSTA Smart Card Operating System Template Architecture Part 2 Public Key Infrastructure
30	IS/ISO/IEC 18000-2 : 2022	Information technology Radio frequency identification for item management Part 2 Parameters
	ISO/IEC 18000-2	for air interface communications below 135 kHz
	ISO/TR 21958:2019	
31	IS/ISO/IEC 18000-4 : 2022	Information technology Radio frequency identification for item management Part 4 Parameters
	ISO/IEC 18000-4:2018	for air interface communications at 245 GHz
	ISO 9342 -2:2005	
32	IS/ISO/IEC 18000-6 : 2022	Information technology Radio frequency identification for item management Part 6 Parameters
	ISO/IEC 18000-6:2013	for air interface communications at 860 MHz to 960 MHz General
	ISO 24421:2023	
33	IS/ISO/IEC 18000-7 : 2022	Information technology Radio frequency identification for item management Part 7 Parameters
	ISO/IEC 18000-7:2014	for active air interface communications at 433 MHz
	ISO 23033:2021	
34	IS/ISO/IEC 18000-61 :	Information technology Radio frequency identification for item management Part 61 Parameter
	2012	for air interface communications at 860MHz to 960MHz Type A
	ISO/IEC 18000-61:201	
35	IS/ISO/IEC 18000-62 :	Information technology Radio frequency identification for item management Part 62 Parameter
	2012	for air interface communications at 860MHz to 960 MHz Type B
	ISO/IEC 18000-62:201	
36	IS/ISO/IEC 18000-64 :	Information technology Radio frequency identification for item management Part 64 Parameter
	2012	for air interface communications at 860MHz to 960 MHz Type D
	ISO/IEC 18000-64:201	
37	IS/ISO/IEC 18004 : 2015	Information technology Automatic identification and data capture techniques QR Code bar cod
	18004:2015	symbology specification
	ISO 15069 : 2018	, C, 1
38	IS/ISO/IEC 18745-1 : 2018	Test methods for machine readable travel documents MRTD and associated devices Part 1
	ISO/IEC 18745-1:2018	Physical test methods for passport books durability
	IEC 61701 : 2020	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1