

## **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	IS/ISO/IEC 10373-2	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				
1				I	l

	•				•
	Reviewed In: 2022				
	ISO/IEC 10373-6:				
	2016				
6	IS/ISO/IEC 10373-7	Cards and security devices for		-	Identical under single
	: 2019	personal identification Test			numbering
	ISO/IEC	methods Part 7: Contactless			
	10373-7:2019	vicinity objects First Revision			
	ISO/IEC	(First Revision)			
	10373-7:2019				
7	IS/ISO/IEC 10373-8	Identification cards Test methods		-	Identical under single
	: 2011	Part 8: USB-ICC			numbering
	ISO/IEC				
	10373-8:2011				
	ISO/IEC				
	10373-8:2011				
8	IS/ISO/IEC 10373-9	Identification Cards — Test		-	Identical under single
	: 2011	Methods Part 9 Optical Memory			numbering
	ISO/IEC	Cards — Holographic Recording			
	10373-9:2011	Method			
	ISO/IEC				
	10373-9:2011				
9		Identification Cards — Contactless	May, 2022	-	Identical under single
	: 2000	Integrated Circuit(s) Cards —			numbering
	ISO/IEC10536-1:	Close-Coupled Cards Part 1			
	2000	Physical Characteristics			
	Reviewed In: 2022				
	ISO/IEC 10536-1:				
<u> </u>	2000				
10	IS/ISO/IEC 10536-2	Identification Cards - Contactless	May, 2022	-	Identical under single
	: 1995	Integated Circuit (s) Cards Part 2			numbering
	ISO/IEC 10536-2:	Dimensions and Location of			
	1995	Coupling Areas			
	Reviewed In: 2022				
	ISO/IEC 10536-2:				
11	1995		NA 2002		T1 (' 1 1 ' 1
11		Identification Cards - Contactless	May, 2022	-	Identical under single
	: 1996	Integrated Circuit (s) Cards Part 3			numbering
	ISO/IEC 10536-3:	Electronic Signals and Reset Procedures			
	1996	Procedures			
	Reviewed In : 2022				
	ISO/IEC 10536-3: 1996				
12	IS 12736 : 1989	Printing specifications for optical	March, 2023		Identical under dual
12	ISO 1831	character recognition	March, 2025	_	numbering
	Reviewed In: 2023	character recognition			numbering
	ISO 1831 : 1980				
13	IS 12755 (Part 1):	Alphanumeric character sets for	February, 2021		Identical under dual
13	1989	optical recognition: Part 1	1 cordary, 2021	_	numbering
	ISO 1073/1	character set OCR - A - Shapes and			numbering
	Reviewed In: 2021	dimensions of the printed image			
	ISO 1073-1 : 1976	differentiation of the printed intage			
14	IS 12755 (Part 2):	Alphanumeric character sets for	August, 2021	-	Identical under dual
	1989	optical - Recognition: Part 2	<i>U</i> , .		numbering
		character set OCR - B - Shapes and			
	Reviewed In: 2021	dimensions of the printed image			
	ISO 1073 - 2 : 1976	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
15	IS 14147 (Part 1):	Identification Cards Recording		-	Identical under dual
	2021	Technique Part 1 Embossing			numbering
	ISO/IEC				
1				I	l l

ı	7011 1 2014	1		ı	1
	7811-1:2014				
	ISO/IEC7811-1:				
1.6	2018	71 .:C: .: 1.D. 1:			X1 1 1 1
16	IS 14147 (Part 2):	Identification cards Recording		-	Identical under dual
	2021	technique part 2 Magnetic stripe			numbering
	ISO 7811-2:2014	Low coercivity			
	ISO/IEC7811-2:				
<u> </u>	2018				
17	IS 14147 (Part 7):	Identification Cards Recording		-	Identical under dual
	2021	Technique Part 7 Magnetic Stripe			numbering
	ISO/IEC	High Coercivity High Density			
	7811-7:2014				
	ISO/IEC 7811-7:				
	2018				
18	IS 14172 : 2024	Identification cards Physical		-	Identical under dual
	ISO/IEC 7810:2019				numbering
-	ISO/IEC 7810:2019				
19	IS 14172 : 2021	Identification Cards Physical		-	Identical under dual
	ISO/IEC 7810:2003				numbering
<u></u>	ISO/IEC 7810:2019				
20	IS 14173 (Part 1):	Identification cards Identification		-	Identical under dual
	2022	of issuers Part 1: Numbering			numbering
	ISO/IEC	system			
	7812-1:2017				
	ISO/IEC				
	7812-1:2017				<del>     </del>
21	IS 14173 (Part 2):	Identification cards Identification		-	Identical under dual
	2022	of issuers Part 2: Application and			numbering
	ISO/IEC	registration procedures			
	7812-2:2017				
	ISO/IEC				
	7812-2:2017	T.C. di a la la	M 2022		X1 2 1 1 1 1
22	IS 14174 : 2013	Information technology - Identification cards - Financial	May, 2022	-	Identical under dual
	ISO/IEC 7813:2006				numbering
	Reviewed In : 2022	transaction cards (First Revision)			
122	ISO/IEC 7813:2006		Mar. 2022		Identical under dual
23	IS 14202 (Part 1): 2014	Identification cards - Integrated circuit cards: Part 1 cards with	May, 2022	-	numbering
	ISO/IEC	contacts - Physical characteristics			numbering
	7816-1:2011	1			
		(Second Revision)			
	Reviewed In: 2022 ISO/IEC				
	7816-1:2011				
24	IS 14202 (Part 2):	Identification cards - Integrated	May, 2022	+	Identical under dual
24	2014	circuit cards: Part 2 cards with	iviay, 2022	_	numbering
	ISO 7816-2:2007	contacts - Dimensions and location			numbering
	Reviewed In : 2022	of the contacts (Second Revision)			
	ISO/IEC	of the contacts (Second Revision)			
	7816-2:2007				
25	IS 14202 (Part 3):	Identification cards - Integrated	May, 2022	_	Identical under dual
	2013	circuit cards: Part 3 cards with	1.1u <sub>j</sub> , 2022		numbering
	ISO/IEC	contacts - Electrical interface and			indiniooning .
	7816-3:2006	transmission protocols (First			
	Reviewed In : 2022	Revision)			
	ISO/IEC	1001011)			
	7816-3:2006				
26	IS 14202 (Part 4):	Identification cards Integrated		_	Identical under dual
-	2021	circuit cards Part 4: Organization			numbering
	ISO/IEC7816-4:	security and commands for			
1		see			1

	2020	interchange First Revision			
	ISO/IEC7816-4: 2020				
27	IS 14202 (Part 5):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2013 ISO/IEC	circuit cards: Part 5 registration of application providers (First			numbering
	7816-5:2004	Revision)			
	Reviewed In: 2022 ISO/IEC				
	7816-5:2004				
28	IS 14202 (Part 6): 2018	Identification cards — Integrated circuit cards — Part 6:	May, 2022	-	Identical under dual numbering
	ISO/IEC	Interindustry data elements for			numbering
	7816-6:2016	interchange			
	Reviewed In: 2022 ISO/IEC				
	7816-6:2016				
29	IS 14202 (Part 7): 2013	Identification cards - Integrated circuit cards: Part 7 interindustry	May, 2022	-	Identical under dual numbering
	ISO/IEC	commands for structured card			namoumg
	7816-7:1999 Reviewed In : 2022	query language (SCQL)			
	ISO/IEC				
20	7816-7:1999	TI CC C I I I			T1 2 1 1 1 1
30	IS 14202 (Part 8): 2021	Identification cards Integrated circuit cards Part 8: Commands		-	Identical under dual numbering
	ISO/IEC7816-8:	and mechanisms for security			C
	2019 ISO/IEC7816-8 :	operations First Revision			
	2019				
31	IS 14202 (Part 9) : 2021	Identification cards Integrated circuit cards Part 9: Commands for		-	Identical under dual numbering
	ISO/IEC7816-9:201	card management First Revision			numbering
	7	_			
	ISO/IEC7816-9:201				
	7				
32	IS 14202 (Part 10): 2013	Identification cards - Integrated circuit cards: Part 10 electronic	May, 2022	-	Identical under dual numbering
	ISO/IEC	signals and answer to reset for			namoumg
	7816-10:1999 Reviewed In : 2022	synchronous cards			
	ISO/IEC				
22	7816-10:1999	TI CC C I I I			71 1 1 1 1
33	IS 14202 (Part 11) : 2021	Identification cards Integrated circuit cards Part 11: Personal		-	Identical under dual numbering
	ISO/IEC7816-11	verification through biometric			
	ISO/IEC7816-11: 2017	methods First Revision			
34	IS 14202 (Part 12):		May, 2022	-	Identical under dual
	2014 ISO/IEC	circuit cards: Part 12 cards with contacts - Usb electrical interface			numbering
	7816-12:2005	and operating procedures			
	Reviewed In: 2022				
	ISO/IEC 7816-12:2005				
35	IS 14202 (Part 13):	Identification cards - Integrated	May, 2022	-	Identical under dual
	2013 ISO/IEC	circuit cards: Part 13 commands for application management in a			numbering
	ISO/IEC	101 application management in a			

1	I 7016 12 2007	l se a se e e e	I	I	1
	7816-13:2007 Reviewed In: 2022	multi - Application environment			
	ISO/IEC				
	7816-13:2007				
36	IS 14202 (Part 15):	Identification cards Integrated		_	Identical under dual
	2022	circuit cards Part 15:			numbering
	ISO/IEC	Cryptographic information			
	7816-15:2016	application			
	ISO/IEC				
	7816-15:2016				
37	IS/ISO/IEC 14443-1	3		-	Identical under single
	: 2022	personal identification Contactless			numbering
	14443-1:2018	proximity objects Part 1: Physical			
20	14443-1:2018	characteristics			Identical under single
38	IS/ISO/IEC 14443-2 : 2020	Cards and security devices for personal identification Contactless		-	Identical under single numbering
	14443-2:2020	proximity objects Part 2: Radio			numbering
	14443-2:2020	frequency power and signal			
	11113 2.2020	interface			
39	IS/ISO/IEC 14443-3			-	Identical under single
	: 2018	personal identification Contactless			numbering
	14443-3:2018	proximity objects Part 3:			
	14443-3:2018	Initialization and anticollision			
40	IS/ISO/IEC 14443-4	·		-	Identical under single
	: 2018	personal identification Contactless			numbering
	14443-4:2018	proximity objects Part 4:			
41	14443-4:2018	Transmission protocol	37 2022		X1 2 1 1 1 1
41	IS 15414 : 2018	Identification cards - Financial	May, 2022	-	Identical under dual
	Reviewed In : 2022	transaction cards - Magnetic stripe data content for track 3 (First			numbering
	ISO/IEC 4909:2006	`			
42	IS/ISO/IEC 15693-1			-	Identical under single
	: 2018	personal identification Contactless			numbering
	ISO/IEC	vicinity objects Part 1: Physical			
	15693-1:2018	characteristics			
	ISO/IEC				
	15693-1:2018				
43	IS/ISO/IEC 15693-2	3		-	Identical under single
	: 2022	personal identification Contactless			numbering
	ISO/IEC	vicinity objects Part 2: Air			
	15693-2:2019 ISO/IEC	interface and initialization			
	15693-2:2019				
44	IS/ISO/IEC 15693-3	Cards and security devices for		_	Identical under single
''	: 2019	personal identification Contactless			numbering
	ISO/IEC	vicinity objects Part 3:			8
	15693-3:2019	Anticollision and transmission			
	ISO/IEC	protocol			
	15693-3:2019				
45	IS/ISO/IEC 15963-1	23		-	Identical under single
	: 2020	frequency identification for item			numbering
	ISO/IEC	management Part 1: Unique			
	15963-1:2020	identification for RF tags			
	ISO/IEC 15963-1:2020	numbering systems			
46		Information technology � Radio		_	Identical under single
40	: 2020	frequency identification for item		-	numbering
	ISO/IEC	management � Part 2: Unique			numbering
	15963-2:2020	identification for RF tags			
I				I	1

	ISO/IEC	registration procedures			
47	15963-2:2020	GGOGTA G . G . LO:			т 1'
47	IS 16695 (Part 1):	SCOSTA: Smart Card Operating		-	Indigenous
	2022	System Template Architecture Part			
10	IO 16605 (D. + 2)	1 Basic Command Set			T 1'
48	IS 16695 (Part 2):	SCOSTA: Smart Card Operating		-	Indigenous
	2022	System Template Architecture Part			
		2 Public Key Infrastructure			
49	IS/ISO/IEC 18000-2			-	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 2: Parameters for			
	ISO/IEC 18000-2	air interface communications			
		below 135 kHz			
50	IS/ISO/IEC 18000-3	Information technology Radio		-	Identical under single
	: 2022	frequency identification for item			numbering
	ISO/IEC	management Part 3: Parameters for			
	18000-3:2010	air interface communications at			
	ISO/IEC	1356 MHz			
	18000-3:2010				
51	IS/ISO/IEC 18000-4	Information technology Radio		-	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 4: Parameters for			C
	18000-4:2018	air interface communications at			
	ISO/IEC	245 GHz			
	18000-4:2018				
52	IS/ISO/IEC 18000-6	Information technology Radio		-	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 6: Parameters for			
	18000-6:2013	air interface communications at			
	ISO/IEC	860 MHz to 960 MHz General			
	18000-6:2013	ooo wii z to yoo wii z cenerar			
53	IS/ISO/IEC 18000-7	Information technology Radio		_	Identical under single
	: 2022	frequency identification for item			numbering
		management Part 7: Parameters for			numbering
	18000-7:2014	active air interface			
	ISO/IEC	communications at 433 MHz			
	18000-7:2014	communications at 433 WHZ			
54	IS/ISO/IEC	Information technology Radio			Identical under single
] ] -	18000-61 : 2012	frequency identification for item			numbering
	ISO/IEC	management Part 61: Parameters			numbering
		for air interface communications at			
	ISO/IEC	860MHz to 960MHz Type A			
	18000-61:201	500WHIZ to 500WHIZ Type A			
55	IS/ISO/IEC	Information technology Radio			Identical under single
33	18000-62 : 2012	frequency identification for item		-	numbering
	ISO/IEC	management Part 62: Parameters			numbering
		for air interface communications at			
	ISO/IEC	860MHz to 960 MHz Type B			
E (	18000-62:201	Information to shoot D - 1'			Identicalda
56	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				T1
57		23		-	Identical under single
	2015	identification and data capture			numbering
	18004:2015	techniques QR Code bar code			
	ISO/IEC	symbology specification			
	1	•	•		

	18004:2015				
58	IS/ISO/IEC/TR	IS/ISO/IEC/TR Identification Cards i; ½		-	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			
	18268:2013				
59	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.	Doc No.	Title			
1	LITD 16 (26371)	SCOSTA Smart Card Operating System Template Architecture Part 2 Public Key Infrastructure			
		Amendment - 1			
2	LITD 16 (26374)	SCOSTA Smart Card Operating System Part 3 Test Methodology			
3	LITD 16 (26375)	SCOSTA Smart Card Operating System Part 4 Testing Methodology Public Key Infrastructure			

	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.	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.	SI. No. Doc No. Title		
No Records Found			

Total Published Standards:57 Total Standards Under development:6

# **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	
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 7816-1:2011  15	I	ISO/IEC 10536-3 : 1996	Procedures
1996   180/HEC 7811-1:2014   180 (1993-18:2020   181417 (Part 1): 2021   181417 (Part 2): 2021   180 (1993-18:2020   180 (1993-18:2020   180 (1993-18:2020   180 (1993-18:2020   180 (1993-18:2021   180 (1993-18:2021   180 (1993-18:2021   180 (1993-18:2021   180 (1993-18:2022   180 (19			
SI SI 4147 (Part 1): 2021   Identification Cards Recording Technique Part 1 Embossing ISO/IEC 7811-12014   ISO 10993-18:2020   Identification cards Recording technique part 2 Magnetic stripe Low coercivity ISO/IEC 7811-7:2014   ISO/IEC 7812-7:2017   ISO/IEC 7812-7:2014   ISO/IEC 7812-7:2017   ISO/IEC 7812-7:2014   ISO/IEC 7812-7:2017   ISO/IEC 7812-7:2014   ISO/IEC 7812-7:2014   ISO/IEC 7812-7:2017   ISO/IEC 7812			
ISO/IEC 7811-1:2014   ISO 1909-18:2020   Identification cards Recording technique part 2 Magnetic stripe Low coercivity ISO 7811-2:2014   ISO 1811-2:2017   ISO 1811-2:2014   ISO/IEC 7811-2:2014   ISO/IEC 7811-2:2014   ISO/IEC 7810-2:2022   Identification cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Density ISO/IEC 7810-2:2022   ISO/IEC 7810-2:2022   Identification cards Identification of issuers Part 1 Numbering system ISO/IEC 7812-1:2017   ISO/IEC 7812-1:2017   ISO/IEC 7812-1:2017   ISO/IEC 7812-1:2017   ISO/IEC 7812-1:2017   ISO/IEC 7813-2:2007   ISO/IEC 7813-2:2006   Reviewed In: 2022 ISO/IEC 7813-2:2001   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristic Second Revision Reviewed In: 2022 ISO/IEC 7816-1:2011   ISO/IEC 7816-2:2007   Reviewed In: 2022 ISO/IEC 7816-2:2007   ISO/IEC 7816-2:20	7		Identification Carde Recording Technique Part 1 Embassing
ISO 10903-18-2000	/	` ′	identification Cards Recording Technique Part 1 Embossing
8 IS 14147 (Part 2): 2021   Identification cards Recording technique part 2 Magnetic stripe Low coercivity 1807 811-22014   1801-1: 2017   IS 14147 (Part 7): 2021   Identification Cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Density 100   IS 14172: 2024   Identification cards Physical characteristics   ISO/IEC 7810-2019   Identification cards Identification of issuers Part 1 Numbering system   ISO/IEC 7812-1:2017   IS 14173 (Part 1): 2022   Identification cards Identification of issuers Part 1 Numbering system   ISO/IEC 7812-2:2017   IEC TS 63042-102:2021   Information technology - Identification cards - Financial transaction cards First Revision   Reviewed In: 2022 ISO/IEC 7813-2006   Reviewed In: 2022 ISO/IEC 7816-12011   ISO 7816-2:2007   Identification cards - Integrated circuit cards Part 1 cards with contacts - Dimensions and location of the contacts Second Revision   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location   ISO/IEC 7816-2:2007   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location   ISO/IEC 7816-2:2007   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location   ISO/IEC 7816-2:2006   ISO/IEC 7816-2:2006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   ISO/IEC 7816-3:2006   ISO/IEC 7816-3:2006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   ISO/IEC 7816-3:2006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   ISO/IEC 7816-3:2006   Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision   ISO/IEC 7816-5:2004   Identification cards Integrated circuit cards Part 6 Interindustry data elements			
ISO 7811-2:2014   Isolate 2017   Identification Cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Demsity Isolate 7811-7:2014   G0974-12:2022   Identification cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Demsity G0974-12:2022   Isolate 7812-2:2017   Identification cards Identification of issuers Part 1 Numbering system	8		Identification cards Recording technique part 2 Magnetic stripe Low coercivity
9		ISO 7811-2:2014	
ISO/IEC 7811-7:2014			
10	9	` ′	Identification Cards Recording Technique Part 7 Magnetic Stripe High Coercivity High Density
10			
ISO/IEC 7810:2019   Identification cards Identification of issuers Part 1 Numbering system	10		Identification cards Physical characteristics
St. 14173 (Part 1): 2022   Identification cards Identification of issuers Part 1 Numbering system   ISO/IEC 7812-1.2017   IEC TS 63042-102:2021   Identification cards Identification of issuers Part 2 Application and registration procedures   ISO/IEC 7813-2006   Reviewed In: 2022 ISO/IEC 7813-2006   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   ISO/IEC 7813-2006   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   Second Revision   Second Revision   ISO/IEC 7816-12011   Reviewed In: 2022 ISO/IEC 7816-12011   Reviewed In: 2022 ISO/IEC 7816-12011   ISO 7816-22007   ISO/IEC 7816-12011   ISO 7816-22007   ISO/IEC 7816-32006   Reviewed In: 2022 ISO/IEC 7816-32007   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision   Identification cards - Integrated circuit cards Part 3 cards with contacts - Dimensions and location   ISO/IEC 7816-32006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   Identification cards - Integrated circuit cards Part 4 Organization security and commands for interchange   ISO/IEC 7816-32004   Identification cards - Integrated circuit cards Part 5 registration of application providers First   ISO/IEC 7816-52004   Reviewed In: 2022 ISO/IEC 7816-52004   Identification cards - Integrated circuit cards Part 5 registration of application providers First   ISO/IEC 7816-62016   ISO/IEC 7816-62016   Identification cards Integrated circuit cards Part 5 Commands and mechanisms for security   ISO/IEC 7816-62016   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security   ISO/IEC 7816-62016   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identifi	10		identification cards Physical characteristics
ISO/IEC 7812-1:2017   Identification cards Identification of issuers Part 2 Application and registration procedures ISO/IEC 7812-2:2017   IEC TS 63042-102:2021   Identification cards Identification of issuers Part 2 Application and registration procedures ISO/IEC 7813-2006   Reviewed In: 2022 ISO/IEC 7813:2006   Information technology - Identification cards - Financial transaction cards First Revision Reviewed In: 2022 ISO/IEC 7813-2006   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics Second Revision Reviewed In: 2022 ISO/IEC 7816-1:2011   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision Reviewed In: 2022 ISO/IEC 7816-2:2007   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision 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 Reviewed In: 2022 ISO/IEC 7816-3:2006   Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision Reviewed In: 2022 ISO/IEC 7816-5:2004   Reviewed In: 2022 ISO/IEC 7816-5:2004   Identification cards Integrated circuit cards Part 5 registration of application providers First Revision Reviewed In: 2022 ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 9 Commands and mechanisms for security Operations First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification car		150/1LC /010.201)	
12	11	IS 14173 (Part 1): 2022	Identification cards Identification of issuers Part 1 Numbering system
ISO/IEC 7812-2:2017   IEC TS 63042-102:2021   Information technology - Identification cards - Financial transaction cards First Revision   Reviewed In:   2022 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   Second Revision   Second Revision   Second Revision   Reviewed In:   2022 ISO/IEC 7816-1:2011   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location   150 7816-2:2007   Reviewed In:   2022 ISO/IEC 7816-2:2007   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and Iso/IEC 7816-3:2006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and Iso/IEC 7816-3:2006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and Iransmission protocols First Revision   Second Revision   Identification cards - Integrated circuit cards Part 4 Organization security and commands for Iso/IEC 7816-3:2004   Reviewed In:   2022 ISO/IEC 7816-5:2004   Reviewed In:   2022 ISO/IEC 7816-5:2004   Reviewed In:   2022 ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 5 registration of application providers First Revision   Reviewed In:   2022 ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange Iso/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security   Operations First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Ident		ISO/IEC 7812-1:2017	
ISO/IEC 7812-22021   Information technology - Identification cards - Financial transaction cards First Revision   ISO/IEC 7813-2006   Reviewed In:   2022 ISO/IEC 7816-12011   Reviewed In:   2022 ISO/IEC 7816-12007   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   Second Revision   Second Revision   Second Revision   Reviewed In:   2022 ISO/IEC 7816-12011   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location   150 7816-22007   Reviewed In:   2022 ISO/IEC 7816-32007   Identification cards - Integrated circuit cards Part 3 cards with contacts - Dimensions and location   150 7816-32006   Reviewed In:   2022 ISO/IEC 7816-32006   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   150 7816-4: 2020   Identification cards Integrated circuit cards Part 4 Organization security and commands for   ISO/IEC 7816-3:2004   Reviewed In:   2022 ISO/IEC 7816-5:2004   Reviewed In:   2022 ISO/IEC 7816-6:2004   Reviewed In:   2022 ISO/IEC 7816-6:2006   Identification cards Integrated circuit cards Part 5 registration of application providers First Revision   2022 ISO/IEC 7816-6:2006   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security   150 71EC 7816-6:2016   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security   150 71EC 7816-9:2017   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   22			
IEC TS 63042-102-2021   Information technology - Identification cards - Financial transaction cards First Revision   ISO/IEC 7813-2006   Reviewed In : 2022 ISO/IEC 7816-12011   Reviewed In : 2022 ISO/IEC 7816-12011   Reviewed In : 2022 ISO/IEC 7816-12011   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   Second Revision   Reviewed In : 2022 ISO/IEC 7816-12011   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision   Reviewed In : 2022 ISO/IEC 7816-3:2006   Reviewed In : 2022 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   Identification cards Integrated circuit cards Part 4 Organization security and commands for ISO 2225 92019   Identification cards - Integrated circuit cards Part 5 registration of application providers First Revision   Reviewed In : 2022 ISO/IEC 7816-5:2004   Reviewed In : 2022 ISO/IEC 7816-5:2004   Identification cards Integrated circuit cards Part 5 registration of application providers First Revision   Reviewed In : 2022 ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 ele	12	•	Identification cards Identification of issuers Part 2 Application and registration procedures
Is 14174 : 2013   Information technology - Identification cards - Financial transaction cards First Revision Reviewed In : 2022 ISO/IEC 7813-2006   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   Second Revision   Reviewed In : 2022 ISO/IEC 7816-1:2011   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision   Reviewed In : 2022 ISO/IEC 7816-2:2007   Reviewed In : 2022 ISO/IEC 7816-2:2007   Identification cards - Integrated circuit cards Part 3 cards with contacts - Dimensions and location of the contacts Second Revision   Reviewed In : 2022 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   Identification cards Integrated circuit cards Part 4 Organization security and commands for ISO/IEC 7816-3:2004   Reviewed In : 2022 ISO/IEC 7816-3:2004   Reviewed In : 2022 ISO/IEC 7816-5:2004   Reviewed In : 2022 ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 5 registration of application providers First Revision   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   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange   ISO/IEC 7816-6:2016   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identificat			
ISO/IEC 7813:2006 Reviewed In: 2022 ISO/IEC 7816-1:2011 Reviewed In: 2022 ISO/IEC 7816-1:2011 Sor 7816-1:2011 Sor 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-1:2011 IS 14202 (Part 2): 2014 ISO 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-2:2007 IS 14202 (Part 3): 2013 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006 IS 14202 (Part 4): 2021 ISO/IEC 7816-3:2006 IS 14202 (Part 4): 2021 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016	13		Information technology - Identification cards - Financial transaction cards First Revision
Reviewed In: 2022 ISO/IEC 7816-1:2011 Reviewed In: 2022 ISO/IEC 7816-1:2011 Reviewed In: 2022 ISO/IEC 7816-1:2011  IS 14202 (Part 2): 2014 ISO 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-3:2006 IS 14202 (Part 4): 2021 ISO/IEC 7816-4: 2020 ISO 22259-2019  IS 14202 (Part 5): 2013 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-6:2016	15		information technology - Identification eards - I material transaction eards I fist Revision
14   IS 14202 (Part 1): 2014   Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics   Second Revision   Reviewed In: 2022 ISO/IEC 7816-1:2017   Identification cards - Integrated circuit cards Part 2 cards with contacts - Dimensions and location of the contacts Second Revision   Reviewed In: 2022 ISO/IEC 7816-2:2007   Reviewed In: 2022 ISO/IEC 7816-3:2006   ISO 22259:2019   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision   Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision   Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision   Identification cards - Integrated circuit cards Part 5 registration of application providers First Revision   Revision   Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision   Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 9 Commands for card management First Revision   Identification cards Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for   Identification cards - Integrated circuit cards Part 10 elect			
ISO/IEC 7816-1:2011 Reviewed In: 2022 ISO/IEC 7816-1:2011  15		2022 ISO/IEC 7813:2006	
Reviewed In: 2022 ISO/IEC 7816-1:2011  15	14	` ′	Identification cards - Integrated circuit cards Part 1 cards with contacts - Physical characteristics
15			Second Revision
15			
ISO 7816-2:2007 Reviewed In: 2022 ISO/IEC 7816-2:2007  16 IS 14202 (Part 3): 2013 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006  17 IS 14202 (Part 4): 2021 ISO/IEC7816-4: 2020 ISO 22259:2019  18 IS 14202 (Part 5): 2013 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004  19 IS 14202 (Part 6): 2018 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange  20 IS 14202 (Part 8): 2021 ISO/IEC 7816-6:2016 Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC 7816-9:2017  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	15		Identification carde. Integrated circuit carde Part 2 cards with contacts. Dimensions and location
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 transmission protocols First Revision Reviewed In: 2022 ISO/IEC 7816-3:2006  17 IS 14202 (Part 4): 2021 ISO/IEC 7816-3:2006  18 IS 14202 (Part 5): 2013 Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision  18 IS 14202 (Part 5): 2013 Identification cards - Integrated circuit cards Part 5 registration of application providers First Revision Reviewed In: 2022 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 IS 14202 (Part 8): 2021 Identification cards Integrated circuit cards Part 6 Interindustry data elements for interchange operations First Revision  20 IS 14202 (Part 8): 2021 Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	13		
IS 14202 (Part 3): 2013   Identification cards - Integrated circuit cards Part 3 cards with contacts - Electrical interface and transmission protocols First Revision			
ISO/IEC 7816-3:2006 Reviewed In: 2022 ISO/IEC 7816-3:2006  17 IS 14202 (Part 4): 2021 ISO/IEC7816-4: 2020 ISO 22259:2019  18 IS 14202 (Part 5): 2013 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-6:2016 Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC 7816-9:2017 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for		2022 ISO/IEC 7816-2:2007	
Reviewed In: 2022 ISO/IEC 7816-3:2006  17	16	1	· ·
2022 ISO/IEC 7816-3:2006   17			transmission protocols First Revision
IS 14202 (Part 4): 2021   Identification cards Integrated circuit cards Part 4 Organization security and commands for interchange First Revision			
ISO/IEC7816-4: 2020 ISO 22259:2019  18 IS 14202 (Part 5): 2013 ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 IS 14202 (Part 8): 2021 ISO/IEC7816-8: 2019  Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC7816-9:2017  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  Identification cards Integrated circuit cards Part 10 electronic signals and answer to reset for	17		
ISO 22259:2019  18	1,		
ISO/IEC 7816-5:2004 Reviewed In: 2022 ISO/IEC 7816-5:2004  19 IS 14202 (Part 6): 2018 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016  IS 14202 (Part 8): 2021 ISO/IEC7816-8: 2019  Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC7816-9:2017  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for			
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 operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	18	•	
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 operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for			Revision
IS 14202 (Part 6): 2018 ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016  IS 14202 (Part 8): 2021 IS 14202 (Part 8): 2021 ISO/IEC7816-8: 2019  Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC7816-9:2017  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for			
ISO/IEC 7816-6:2016 Reviewed In: 2022 ISO/IEC 7816-6:2016  20 IS 14202 (Part 8): 2021 ISO/IEC7816-8: 2019  IS 14202 (Part 9): 2021 ISO/IEC7816-9:2017  Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 ISO/IEC7816-9:2017  Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	10		
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 operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	19	1	rachimication cards integrated enfour cards I art o intermedistry data cicinents for interestange
20 IS 14202 (Part 8): 2021 Identification cards Integrated circuit cards Part 8 Commands and mechanisms for security operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for			
ISO/IEC7816-8: 2019 operations First Revision  21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for		•	
21 IS 14202 (Part 9): 2021 Identification cards Integrated circuit cards Part 9 Commands for card management First Revision ISO/IEC7816-9:2017  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	20		
ISO/IEC7816-9:2017  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for		ISO/IEC7816-8 : 2019	operations First Revision
ISO/IEC7816-9:2017  22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	21	IS 14202 (Dort 0) : 2021	Identification cords Integrated circuit cords Part 0 Commands for cord management First Pavision
22 IS 14202 (Part 10): 2013 Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for	21		identification cards integrated circuit cards Fart 9 Commands for card management First Revision
		100/1120/010-9,201/	
	22	IS 14202 (Part 10): 2013	Identification cards - Integrated circuit cards Part 10 electronic signals and answer to reset for
		ISO/IEC 7816-10:1999	synchronous cards
Reviewed In:			
2022 ISO/IEC		2022 ISO/IEC	

I	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
2.5	ISO/IEC 7816-13:2007	multi - Application environment
	Reviewed In :	multi Application environment
	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:	
28	2022 ISO/IEC 4909:2006 IS 16695 (Part 1) : 2022	SCOSTA Smart Card Operating System Template Architecture Part 1 Basic Command Set
26	15 10095 (1 art 1) . 2022	SCOSTA Smart Card Operating System Template Architecture Fart T 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
22	ISO 9342 -2:2005	
32	IS/ISO/IEC 18000-6 : 2022 ISO/IEC 18000-6:2013	Information technology Radio frequency identification for item management Part 6 Parameters for air interface communications at 860 MHz to 960 MHz General
	ISO 24421:2023	Tot all interface communications at 800 MHz to 900 MHz General
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 Parameters
	2012	for air interface communications at 860MHz to 960MHz Type A
	ISO/IEC 18000-61:201	
	IEC 63203-204-1: 2023	
35	IS/ISO/IEC 18000-62 :	Information technology Radio frequency identification for item management Part 62 Parameters
	2012 ISO/IEC 18000-62:201	for air interface communications at 860MHz to 960 MHz Type B
	130/1EC 16000-02.201	
36	IS/ISO/IEC 18000-64 :	Information technology Radio frequency identification for item management Part 64 Parameters
	2012	for air interface communications at 860MHz to 960 MHz Type D
	ISO/IEC 18000-64:201	
	ISO/TS 5111:2022	
37	IS/ISO/IEC 18004 : 2015	Information technology Automatic identification and data capture techniques QR Code bar code
	18004:2015	symbology specification
38	ISO 15069 : 2018 IS/ISO/IEC 18745-1 : 2018	Test methods for machine readable travel documents MRTD and associated devices Part 1
38	ISO/IEC 18745-1:2018	Physical test methods for passport books durability
	IEC 61701 : 2020	r hysical test methods for passport books durability
	120 01701 . 2020	