BUREAU OF INDIAN STANDARDS

Program of Work

LITD 10: Power System Control And Associated Communications

Scope: To prepare Indian Standards relating to: a) Power system control equipment and systems

including EMS (Energy Management System) b) DMS (Distribution Management System) c) SCADA (Supervisory Control and Data Acquisition) d) Distribution automation, Smart Grid, teleprotection and associated communications used in planning, operation and maintenance of

power systems.

Liaison: IEC TC-IEC TC (P): Power systems management and associated information exchange IEC

TC-IEC SyC Smart Energy (P): Smart Energy

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12746 (Part 1/Sec	Telecontrol equipment and	January, 2024	-	Identical under dual
	1):1999	systems: Part 1 general			numbering
	IEC 60870-1-1	considerations: Sec 1 general			
	Reviewed In: 2024	principles			
	IEC 60870-1-1:				
	1988				
2	IS 12746 (Part 1/Sec	1 1	August, 2025	-	Identical under dual
	2):1993	systems: Part 1 general			numbering
	IEC 60870-1-2	considerations: Sec 2 guide for			
	Reviewed In: 2025	specifications			
	IEC 60870-1-2:				
	1989				
3	IS 12746 (Part 1/Sec	1 1	July, 2023	-	Identical under dual
	3):2020	Systems Part 1 General			numbering
		Considerations Section 3 Glossary (
	1997	First Revision)			
	Reviewed In: 2023				
	IEC 60870-1-3:				
	1997				
4	IS 12746 (Part	Telecontrol equipment and systems		-	Identical under single
	2):2023	Part 2: Operating conditions			numbering
	IEC 60870-2-1:1995	11 7			
	IEC	electromagnetic compatibility			
	60870-2-1:1995				
5	IS 12746 (Part	Telecontrol equipment and	March, 2023	-	Identical under dual
	3):1995	systems: Part 3 interfaces			numbering
	IEC 60870-3	(Electrical Characteristics)			
	Reviewed In: 2023				
	IEC 60870-3:1989				
6	IS 12746 (Part	Telecontrol equipment and	September, 2025	-	Identical under dual
	4):1993	systems: Part 4 performance			numbering
	IEC 60870-4	requirements			
	Reviewed In: 2025				
I	l	ı		I	I

I	IEC 60870-4:1990				1
7	IS 12746 (Part 5/Sec	Telecontrol equipment and	August, 2025	-	Identical under dual
	1):1993	systems: Part 5 transmission	3.6		numbering
	IEC 60870-5-1	protocols: Sec 1 transmission			
	Reviewed In: 2025	frame formats			
	IEC 60870-5-1:1990				
8	IS 12746 (Part 5/Sec		June, 2025	_	Identical under dual
Ü	2):1998	systems: Part 5 transmission	Jane, 2023		numbering
	IEC 60870-5-2	protocols: Sec 2 link transmission			l mainisering
	Reviewed In: 2025	procedure			
	IEC 60870-5-2:1992	*			
9	IS 12746 (Part 5/Sec		July, 2025	_	Identical under dual
	3):1998	systems: Part 5 transmission	July, 2023		numbering
	IEC 60870-5-3	protocols: Sec 3 general structure			indinibering
	Reviewed In: 2025	of application data			
	IEC 60870-5-3:1992				
10	IS 14392:1996	General considerations for	March, 2023	_	Identical under dual
10	IEC 61085	telecommunication services for	Wiaicii, 2023		
	Reviewed In: 2023	electric power systems			numbering
	IEC 61085	electric power systems			
11	IS 15654:2006	Supervisory Control and Data	March, 2021	1	Indigenous
11	Reviewed In : 2021	Acquisition (SCADA) System for	ividicii, 2021	_	margenous
	Keviewed III: 2021				
12	IS 15655:2006	Oil and Gas Pipeline Telecommunication facilities for	March, 2021	_	Indigenous
12	Reviewed In : 2021	operation and maintenance of oil	March, 2021	-	margenous
	Reviewed in : 2021	*			
13	IS 15953:2011	and gas pipeline	Ostobou 2022		To di con ouc
13		Supervisory control and data	October, 2023	-	Indigenous
	Reviewed In: 2023	acquisition (SCADA) system for			
14	IS 16334:2015	power system applications	Mar. 2022	<u> </u>	To di can ava
14	Reviewed In : 2023	Power system communications -	May, 2023	-	Indigenous
15	IS 16335:2015	Interoperability - Guidelines Power control systems - Security	May, 2023		Indianava
13	Reviewed In : 2023	· · · · · · · · · · · · · · · · · · ·	May, 2025	-	Indigenous
16	IS 16336 (Part	requirements Common information model	May, 2023		Indigenous
10	1):2015	(CIM) for information exchange in	May, 2023	-	margenous
	Reviewed In : 2023	the context of electrical utilities:			
	Reviewed III: 2023				
17	IS 16336 (Part	Part 1 companion specification Common information model	May, 2023		Indiannous
1 /	,		May, 2025	-	Indigenous
	2):2015 Reviewed In : 2023	(CIM) for information exchange in			
	Keviewed III: 2023	the context of electrical utilities:			
		Part 2 CIM Extensions for ABT			
		based regulated markets and load			
		shedding and restoration			
1.0	IC 16226 (D.)	mechanism	I 2022	 	T., 4!
18	IS 16336 (Part	Common Information Model	June, 2022	-	Indigenous
	3):2018	(CIM) for Information Exchange in			
	Davisor 4.1. 2022	the Context of Electrical Utilities			
	Reviewed In: 2022	Part 3 Application Use Cases for			
10	IC 157/40 2021	System Operation			T 1'
19	IS 17648:2021	Guideline for distributed		-	Indigenous
		management system in the context			
20	IC 10050 2022	of electrical utilities		1	T "
20	IS 18058:2023	Guidelines for Supervisory Control		1	Indigenous
		and Data Acquisition (SCADA)			
	70 4007 =	System Displays		-	
21	IS 1885 (Part	Electrotechnical Vocabulary Part	December, 2024	-	Identical under dual
	50):2021	371 Telecontrol			numbering
	IEC 60050-371:1984				
	Reviewed In: 2024				
	•	•		•	•

l	IEC 60050-371:1984			I	I
22		Teleprotection equipment of power		-	Identical under single
	60834-1:1999	systems Performance and testing			numbering
	IEC 60834-1: 1999	Part 1: Command systems			
	IEC 60834-1: 1999				
23		Telecontrol equipment and systems	September, 2024	-	Identical under single
	60870-5-7:2013	Part 5-7: Transmission protocols	1 ,		numbering
	IEC TS	Security extensions to IEC			
	60870-5-7:2013	60870-5-101 and IEC 60870-5-104			
	Reviewed In: 2024	protocols applying IEC 62351			
	IEC TS	rrr , g			
	60870-5-7:2013				
24	IS/IEC/TR	Communication networks and	August, 2023	-	Identical under single
	61850-1:2013	systems for power utility			numbering
		automation: Part 1 introduction and			
	2013	overview			
	Reviewed In: 2023				
	IEC/TR 61850 -1:				
	2013				
25	IS/IEC/TS	Communication Networks and		-	Identical under single
	61850-2:2019	Systems in substations Part 2			numbering
	IEC 61850-2:2019	Glossary			
	IEC 61850-2:2019	,			
26	IS/IEC	Communication networks and	July, 2023	-	Identical under single
	61850-3:2013	systems for power utility	J,		numbering
	IEC 61850-3 : 2013	automation: Part 3 general			
	Reviewed In: 2023	requirements			
	IEC 61850 - 3 : 2013	-			
27	IS/IEC	COMMUNICATION		-	Identical under single
	61850-4:2020	NETWORKS AND SYSTEMS			numbering
	IEC 61850-4:2020	FOR POWER UTILITY			
	IEC 61850-4:2020	AUTOMATION Part 4: System			
		and project management			
28	IS/IEC	Communication networks and		-	Identical under single
	61850-5:2022	systems for power utility			numbering
	IEC 61850-5:2022	automation Part 5: Communication			
	IEC 61850-5:2022	requirements for functions and			
		device models First Revision			
29	IS/IEC	Application integration at electric		-	Identical under single
	61968-1:2020	utilities System Interfaces for			numbering
	IEC 61968-1:2020	distribution management Part 1:			
	IEC 61968-1:2020	Interface architecture and general			
		recommendations			
30	IS/IEC	Application integration at electric	May, 2023	-	Identical under single
	61968-2:2011	utilities - System interfaces for			numbering
	IEC 61968-2 : 2011	distribution management: Part 2			
	Reviewed In: 2023	glossary			
	IEC TS 61968 : Part				
	2:2011				
31	IS/IEC	Application integration at electric		-	Identical under single
	61968-3:2021	utilities System interfaces for			numbering
	IEC 61968-3:2021	distribution management Part 3:			
	IEC 61968-3:2021	Interface for network operations			
32	IS/IEC	Application integration at electric		-	Identical under single
	61968-4:2019	utilities System Interfaces for			numbering
	IEC 61968-4:2019	distribution management Part 4:			
	IEC 61968-4:2019	Interfaces for records and asset			
		management			
33	IS/IEC	Application integration at electric	May, 2023	-	Identical under single
	•	·		•	•

	61968-6:2015 IEC 61968-6 : 2015 Reviewed In : 2023 IEC 61968 : Part 6 : 2015	utilities - System interfaces for distribution management: Part 6 interfaces for maintenance and construction			numbering
34	IS/IEC 61968-8:2015 Reviewed In : 2023 IEC 61968 : Part 8 : 2015	Application integration at electric utilities - System interfaces for distribution management: Part 8 interfaces for customer operations	December, 2023	-	Identical under single numbering
35	IS/IEC 61968-9:2013 IEC 61968-9: 2013 Reviewed In: 2023 IEC 61968: Part 9: 2013	Application integration at electric utilities - System interfaces for distribution management: Part 9 interfaces for meter reading and control	August, 2023	-	Identical under single numbering
36	IS/IEC 61970-1:2005 IEC 61970-1:2005 Reviewed In: 2024 IEC 61970-1:2005	Energy management system application program interface (EMS - API): Part 1 guidelines and general requirements	September, 2024	-	Identical under dual numbering
37	IS/IEC/TS 61970-2:2004 IEC/TS/61970-2: 2004 Reviewed In: 2024 IEC/TS/61970-2: 2004	Energy Management System Application Programme Interface (EMS-API) Part 2 Glossary	January, 2024	-	Identical under dual numbering
38	IS/IEC 61970-301:2022 IEC 61970-301:2022 IEC 61970-301:2022	Energy management system application program interface EMS-API Part 301: Common information model CIM base		-	Identical under single numbering
39	IS/IEC/TS 61970-401:2022 IEC/TS 61970-401:2022 IEC/TS 61970-401:2022	Energy management system application program interface EMS-API Part 401: Profile framework First Revision		-	Identical under single numbering
	IS/IEC 61970-452:2021 IEC 61970-452:2021 IEC 61970-452:2021	Energy management system application program interface EMS- API Part 452: CIM static transmission network model profiles		-	Identical under single numbering
41	IEC 61970-452:2021	Energy management system application program interface EMS-API - Part 452: CIM static transmission network model profiles		-	Identical under single numbering
42	IS/IEC/TS 62351-1:2007 Reviewed In : 2025 IEC/TS 62351-1:2007	Power systems management and associated information exchange - Data and communications: Security: Part 1 communication network and system: Security - Introduction to: Security issues	June, 2025	-	Identical under single numbering
43	IS/IEC/TS 62351-2:2008 Reviewed In : 2025	Power systems management and associated information exchange - Data and communications:	June, 2025	-	Identical under single numbering

I	IEC/TS	Security: Part 2 glossary of terms		I	i i
	62351-2:2008	security. I are 2 grossary or terms			
44	IS/IEC	Power systems management and		-	Identical under single
	62351-3:2023	associated information exchange -			numbering
	IEC 62351-3:2023	Data and communications security			
	IEC 62351-3:2023	- Part 3: Communication network			
		and system security - Profiles			
		including TCPIP (Third Revision)			
45	IS/IEC/TS	Power systems management and	December, 2024	-	Identical under single
	62351-4:2020	associated information exchange -			numbering
	IEC 62351-4:2020	Data and communications security			
	Reviewed In: 2024	- Part 4: Profiles including MMS			
	IEC 62351-4:2020	and derivatives			
46	IS/IEC/TS	Power systems management and		-	Identical under single
	62351-5:2023	associated information exchange			numbering
	IEC/TS	Data and communications security			
	62351-5:2023	Part 5: Security for IEC 60870-5			
	IEC/TS 62351-5:2023	and derivatives Second Revision			
47	62351-5:2023 IS/IEC	POWER SYSTEMS	November, 2024		Identical under single
"'	62351-6:2020	MANAGEMENT AND	11016111061, 2024	_	numbering
	IEC 62351-6:2020	ASSOCIATED INFORMATION			numbering
	Reviewed In : 2024	EXCHANGE DATA AND			
	IEC 62351-6:2020	COMMUNICATION SECURITY			
	ILC 02331 0.2020	Part 6: Security for IEC 61850			
48	IS/IEC	Power systems management and	December, 2024	_	Identical under single
	62351-7:2017	associated information exchange	,		numbering
	IEC 62351-7:2017	Data and communications security			
	Reviewed In: 2024	Part 7: Network and System			
	IEC 62351-7:2017	Management NSM data object			
		models			
49	IS/IEC	Power systems management and	August, 2024	-	Identical under single
	62351-8:2020	associated information exchange			numbering
	IEC 62351-8:2020	Data and communications security			
	Reviewed In: 2024	Part 8: Role-based access control			
	IEC 62351-8:2020	for power system management			
50	IS/IEC	Power systems management and		-	Identical under single
	62351-9:2023	associated information exchange -			numbering
	IS/IEC	Data and communications security			
	62351-9:2023 IS/IEC	- Part 9: Cyber security key			
	62351-9:2023	management for power system equipment (First Revision)			
51	IS/IEC/TR	Power systems management and	August, 2024	_	Identical under single
	62351-10:2012	associated information exchange -	rugusi, 2027		numbering
	IEC TR	Data and communications security			indinioering
	62351-10:2012	Part 10: Security architecture			
	Reviewed In: 2024	guidelines			
	IEC TR				
L	62351-10:2012				<u> </u>
52	IS/IEC	Power systems management and	September, 2024	-	Identical under single
	62351-11:2016	associated information exchange			numbering
		Data and communications security			
	Reviewed In: 2024	Part 11: Security for XML			
	IEC 62351-11:2016	documents			
53	IS/IEC/TR	Power systems management and	September, 2024	-	Identical under single
	62351-12:2016	associated information exchange			numbering
	IEC TR	Data and communications security			
	62351-12:2016	Part 12: Resilience and security			
	Reviewed In: 2024	recommendations for power			

	IEC TR 62351-12:2016	systems with distributed energy resources DER cyber-physical			
	02331-12,2010	systems			
54	IS/IEC/TR	Power systems management and	September, 2024	-	Identical under single
	62351-13:2016	associated information exchange -			numbering
	IEC TR	Data and communications security			
	62351-13:2016	Part 13: Guidelines on security			
	Reviewed In: 2024	topics to be covered in standards			
	IEC TR	and specifications			
55	62351-13:2016 IS/IEC/TR	Power systems management and	November, 2024		Identical under single
33	62351-90-1:2018	associated information exchange	November, 2024	-	numbering
	IEC TR	-Data and communications security			numbering
	62351-90-1:20	Part 90-1: Guidelines for handling			
	Reviewed In: 2024	role-based access control in power			
	IEC TR	systems			
	62351-90-1:20				
56	IS/IEC/TR	Power systems management and	August, 2024	-	Identical under single
	62351-90-2:2018	associated information exchange			numbering
	IEC TR	Data and communications security			
	62351-90-2:20	Part 90-2: Deep packet inspection			
	Reviewed In: 2024	of encrypted communications			
	IEC TR 62351-90-2:2018				
57	IS/IEC/TR	Power systems management and		_	Identical under single
] 37	62351-90-3):2021	associated information exchange -		-	numbering
	IEC TR	Part 90 Data and communications			indinio or mg
	62351-90-3:2021	securitySection 3: Guidelines			
	IEC TR	for network and system			
	62351-90-3:2021	management			
58	IS/IEC/TS	Power systems management and	August, 2024	-	Identical under single
	62351-100-1:2018	associated information exchange			numbering
	IEC TS	Data and communications security			
		Part 100-1: Conformance test cases			
	Reviewed In: 2024 IEC TS	for IEC TS 62351-5 and IEC TS 60870-5-7			
	62351-100-1:2018	00870-3-7			
59	IS/IEC/TS	Power systems management and	August, 2024	_	Identical under single
	62351-100-3:2020	associated information exchange	114gust, 2021		numbering
	IEC TS	Data and communications security			
	62351-100-3:2	Part 100-3: Conformance test cases			
	Reviewed In: 2024	for IEC 62351-3 the secure			
	IEC TS	communication extension for			
	62351-100-3:2020	profiles including TCPIP			
60	IS/IEC/TS	Power systems management and		-	Identical under single
	62351-100-6):2022	associated information exchange -			numbering
	IEC TS 62351-100-6:2022	Part 100: Data and communication security Section 6: Cybersecurity			
	62351-100-6:2022 IEC TS	conformance testing for IEC			
	62351-100-6:2022	61850-8-1 and IEC 61850-9-2			
61		Power line communication systems		-	Identical under single
	62488-1:2012	for power utility applications Part			numbering
	IEC 62488-1: 2012	1: Planning of analogue and digital			
	IEC 62488-1: 2012	power line carrier systems			
		operating over EHVHVMV			
	10.075.0	electricity grids			T1 1
62		Power line communication systems		-	Identical under single
	62488-2:2017 IEC 62488-2: 2017	for power utility applications Part			numbering
	1LC 02400-2; 201/	2: Analogue power line carrier			

	IEC 62488-2: 2017	terminals or APLC		1	
63	IS/IEC	Power line communication systems		-	Identical under single
	62488-3:2021	for power utility applications Part			
	IEC 62488-3:2021	3: Digital Power Line Carrier			
	IEC 62488-3:2021	DPLC Terminals and hybrid			
		ADPLC Terminals			
64	IS/IEC	Systems Interface between	December, 2024	-	Identical under single
	62746-10-1:2018	customer energy management and			numbering
	IEC	the power management system -			
	62746-10-1:2018	Part 10-1: Open Automated			
	Reviewed In: 2024	Demand Response			
	IEC				
	62746-10-1:2018				
65	IS 8792:2023	Line Traps for AC Power Systems		-	Identical under dual
	IEC 60353:1989	Second Revision			numbering
	IEC 60353:1989				
66	IS 8997:2022	COUPLING DEVICES FOR PLC		-	Modified/Technically
	IEC 60481:1974	SYSTEMS			Equivalent
67	IS 8998:2023	Coupling Devices for PLC Systems		-	Modified/Technically
	IEC 60481:1974	� Methods of Tests (First			Equivalent
		Revision)			
68	IS 9859 (Part	Code of Practice for Installation		-	Indigenous
	1):2023	and Maintenance of Outdoor			
		Power Line Carrier Equipment			
		Part 1 Line Traps			
69	IS 9859 (Part	Installation and Maintenance of		-	Indigenous
	2):2023	Outdoor Power Line Carrier			
		Equipment � Code of Practice			
		Part 2 Coupling Devices (First			
	**************************************	Revision)			
70	IS 9859 (Part	Installation and Maintenance of		-	Indigenous
	3):2023	Outdoor Power Line Carrier			
		Equipment � Code of Practice			
		Part 3 Coupling			
		Capacitors/Capacitor Voltage			
		Transformers (First Revision)			

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.	Doc No.	Title	
	No Records Found		

		Finalized Draft Indian Standard		
SI. No.	Doc No.	Title		
No Records Found				

Finalized Draft Indian Standards under Print				
SI. No.	Doc No.	Title		
1	LITD 10 (24782) Revision	Power Control Systems Security Requirements First Revision		
	of: IS 16335:2015			

Total Published Standards:66 Total Standards Under development:1

Aspect Wise Report

Product: 0
Code of Practices: 60
Methods of Test: 3
Terminology: 4
Dimensions: 0
System Standard: 0
Safety Standard: 0
Others: 2
ervice Specification: 0

Service Specification : 0 Process Specification : 0 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10706:1983	Methods of tests for single sideband PLC terminals
	Reviewed In: 2020	
2	IS 13241 (Part 1):1991	Installation and Maintenance of Indoor PLC Equipment - Code of Practice Part 1 PLC Terminals
	Reviewed In: 2021	
3	IS 13968 (Part 1/Sec	Performance and testing of teleprotection equipment of power systems Part 1 narrow band
	15):1994	command systems
	Reviewed In: 2020	
4	IS 3700 (Part 1):1972	Essential Ratings and Characteristics of Semiconductor Devices - Part 1 General
	Reviewed In: 1999	
5	IS 3700 (Part 2):1972	Essential ratings and characteristics of semiconductor devices Part 2 Low power signal diodes
	Reviewed In: 1999	
6	IS 3700 (Part 3):1973	Essential ratings and characteristics of semiconductor devices Part 3 Rectifier diodes
	Reviewed In: 1998	
7	IS 3700 (Part 4):1968	Essential ratings and characteristics of semiconductor devices Part 4 Low power small signal
	Reviewed In: 2002	transistors
8	IS 3700 (Part 5):1968	Essential Ratings and Characteristics of Semiconductor Devices - Part V Power Transistor
	Reviewed In: 1998	
9	IS 3700 (Part 6):1968	Essential ratings and characteristics of semiconductor devices Part 6 Switching transistors
	Reviewed In: 1998	
10	IS 3700 (Part 8):1970	Essential Ratings and Characteristics of Semiconductor Devices - Part VIII Voltage Regulator and
	Reviewed In: 1999	Voltage Reference Diodes
11	IS 3700 (Part 9):1972	Essential ratings and characteristics of semiconductor devices Part 9 Variable capacitance diodes
	Reviewed In: 2002	
12	IS 3700 (Part 10):1982	Essential Ratings and Characteristics of Semiconductor Devices - Part X Field-Effect Transistors
	Reviewed In: 1999	
13	IS 3700 (Part 11):1984	Essential Ratings and Characteristics of Semiconductor Devices - Part 11 Light Emitting Diodes
	Reviewed In: 2002	
		Letter symbols for semiconductor devices Part 1 General aspects

14	IS 3715 (Part 1):1971	
	Reviewed In: 2002	
15	IS 3715 (Part 2):1971	Letter symbols for semiconductor devices Part 2 Diodes
	Reviewed In: 2002	
16	IS 3715 (Part 3):1971	Letter Symbols for Semiconductor Devices - Part III Transistors
	Reviewed In: 2002	•
17	IS 4400 (Part 1):1967	Methods Of Measurements On Semiconductor Devices Part 1 General
17	Reviewed In: 1999	Methods of Medistrements on semiconductor Bevices 1 art 1 central
18	IS 4400 (Part 2):1967	Methods of measurements on semiconductor devices Part 2 Low power signal diodes
16		Methods of measurements on semiconductor devices Part 2 Low power signal diodes
	Reviewed In: 1999	
19	IS 4400 (Part 3):1968	Methods of Measurements on Semiconductor Devices - Part III Rectifier Diodes
	Reviewed In: 1999	
20	IS 4400 (Part 4):1981	Methods of measurements on semiconductor devices Part 4 Transistors
	Reviewed In: 1999	
21	IS 4400 (Part 8):1970	Methods of measurements on semiconductor devices Part 8 Voltage regulator and voltage
	Reviewed In: 1999	reference diodes
22	IS 4400 (Part 9/Sec 1):1974	Methods of measurements on semiconductor devices Part 9 Variables capacitance diodes Sec
22		•
22	Reviewed In : 2002	For operating frequencies below 300 MHz
23	IS 4400 (Part 9/Sec 2):1974	Methods of Measurements on Semiconductor Devices - Part IX Variable Capacitance Diodes
	Reviewed In: 2002	Section 2 For Operation at Frequencies Above 6 GHz
24	IS 4400 (Part 10):1983	Methods of measurements on semiconductor devices Part 10 Field effect transistors
	Reviewed In: 2002	
25	IS 5000 (Part 1):1969	Dimensions of semiconductor devices Base outline OB 1
26	IS 5000 (Part 1):1969	Dimensions of semiconductor devices Case outline OC 1
	10 0000 (1 111 1).115 05	
27	IS 5000 (Part 2):1969	Dimensions of semiconductor devices Base outline OB 2
21	No. of the contract of the con	Dimensions of semiconductor devices base outline OB 2
	Reviewed In: 2002	
28	IS 5000 (Part 2):1969	Dimensions of semiconductor devices Case outline OC 2
	Reviewed In: 1983	
29	IS 5000 (Part 2):1969	Dimensions of semiconductor devices Devices outline OD 2
30	IS 5000 (Part 3):1969	Dimensions of semiconductor devices Base outline OB 3
	Reviewed In: 1978	
31	IS 5000 (Part 3):1969	Dimensions of semiconductor devices Case outline OC 03
31	15 5000 (1 art 5).1505	Binions of semiconductor devices case outline of os
32	IC 5000 (Dout 2):1060	Dimensions of semiconductor devices Devices outline OD 2
32	IS 5000 (Part 3):1969	Dimensions of semiconductor devices Devices outline OD 3
	Reviewed In: 1978	
33	IS 5000 (Part 4):1969	Dimensions of semiconductor devices Base outline OB 4
34	IS 5000 (Part 4):1969	Dimensions of semiconductor devices Case outline OC 4
35	IS 5000 (Part 5):1969	Dimensions of semiconductor devices Base outline OB 5
	-2 2 3 3 (2 m 2 5).13 0 3	CI defined action at the bull of the
36	IS 5000 (Part 5):1969	Dimensions of semiconductor devices Case outline OC 5
30	15 5000 (Fatt 3):1909	Dimensions of semiconductor devices Case outline OC 3
27	10 5000 (D. 10 10 10 10 10 10 10 10 10 10 10 10 10	
37	IS 5000 (Part 6):1969	Dimensions of semiconductor devices Base outline OB 6
38	IS 5000 (Part 7):1969	Dimensions of semiconductor devices Base outline OB 7
39	IS 5000 (Part 22):1978	Dimensions of semiconductor devices Device outline OD 22
40	IS 5000 (Part 24):1979	Dimensions of semiconductor devices Device outline OD 24
40	15 5000 (Fait 24).19/9	Difficultions of schildohauctor devices Device outline OD 24
41	IC 5000 (D. + 20) 1001	Discontinue of a 1 to 1 to 1 to 1 to 100 at 1 op 20
41	IS 5000 (Part 30):1981	Dimensions of semiconductor devices Device outline OD 30
42	IS/IEC/TS 62351-3:2014	Power Systems Management and Associated Information Exchange Data and Communicatio
	IEC 62351-3: 2014	Security Part 3 Communication Network and System Security Profiles Including TCP IP First
	Reviewed In: 2019 IEC	Revision

	62351-3 : 2014	
43	IS 7441 (Part 1):1974	Essential Ratings and Characteristics of Digital Integrated Circuits - Part I General Format
	Reviewed In: 1988	
44	IS 8793:1995	Line traps for ac power systems methods of tests First Revision
	Reviewed In: 2023 IEC	
	60353	
45	IS 9482:1996	Single sideband power line carrier terminals - Specification First Revision
	Reviewed In: 2020 IEC	
	60495	
46	IS 9528 (Part 1):1980	Manual for planning of SSB PLC systems Part 1 PLC systems
	Reviewed In: 2020	
47	IS 9528 (Part 2):1980	Manual for Planning of SSB PLC Systems Part 2 PLC Systems Planning
	Reviewed In: 2020	

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
No Records Found		