

Annexure-1: Standards by BIS, ARAI and TSDSI

Electrical Equipment including Consumer Electronics (ETD)

The following Draft Indian Standards were issued by Electro-Technical division council at BIS during the last quarter for eliciting technical comment:

Electrotechnical (ETD)				
SI No	Document No	Title of the Doc	IEC/ISO	Give comments
1	ETD 25(16075)	Lifts for the transport of persons and goods Part 1: Passenger and goods lifts	ISO TC- 178 (P)	Comment
2	ETD 25(16077)	Lifts for the transport of persons and goods Part 2: Design rules calculations examinations and tests of lift components	ISO TC- 178 (P)	Comment
3	ETD 20(16347)	NATIONAL ELECTRICAL CODE OF INDIA - PART 1 (All sections) -General and Common Aspects	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC-18A (O)	Comment
4	ETD 20(16357)	NATIONAL ELECTRICAL CODE OF INDIA- PART 2 All sections - GENERATING SETS AND CAPTIVE SUB-STATIONS	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC-18A (O)	Comment
5	ETD 20(16358)	NATIONAL ELECTRICAL CODE OF INDIA - PART 3 (All sections) -Requirements for special installations or locations	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC-18A (O)	Comment
6	ETD 20(16359)	NATIONAL ELECTRICAL CODE OF INDIA- PART 4 - Electrical installations in Industrial buildings	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC-18A (O)	Comment
7	ETD 20(16360)	NATIONAL ELECTRICAL CODE OF INDIA- PART 5 - Outdoor installations	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC-18A (O)	Comment

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8	ETD 20(16361)	NATIONAL ELECTRICAL CODE OF INDIA - PART 6 - Electrical installations in Agricultural premises	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)	Comment
9	ETD 20(16362)	NATIONAL ELECTRICAL CODE OF INDIA - PART 7- ELECTRICAL INSTALLATIONS IN HAZARDOUS AREAS	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)	Comment
10	ETD 20(16363)	NATIONAL ELECTRICAL CODE OF INDIA - PART 8- Solar photovoltaic PV power supply systems	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)	Comment
11	ETD 51(16825)	Road Vehicles --- Vehicle to Grid Communication Interface Part 8: Physical Layer and Data Link Layer Requirements for Wireless Communication	IEC TC-69 (P)	Comment
12	ETD 32(16833)	DOMESTIC ELECTRIC CLOTHES WASHING MACHINES FOR HOUSEHOLD USE SPECIFICATION	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)	Comment
13	ETD 40(16861)	Determination of Power Losses In High-Voltage Direct Current HVDC Converter Stations With Line- Commutated Converters first revision	IEC TC- 22F SC- 22F (P)	Comment
14	ETD 40(16862)	Performance of high-voltage direct current HVDC systems with linecommutated converters : Part 1 Steady-state conditions second revision	IEC TC- 22F SC- 22F (P)	Comment
15	ETD 40(16863)	Guideline for planning of HVDC systems : Part 1 HVDC systems with line-commutated converters	IEC TC- 22F SC- 22F (P)	Comment
16	ETD 25(16905)	Lifts Elevators Escalators and Moving Walks Programmable Electronic Systems in Safety Related Applications Part 3 Life Cycle Guideline for Programmable Electronic Systems related to PESSRAL and PESSRAE	ISO TC- 178 (P)	Comment
17	ETD 25(16906)	Lifts for the Transport of Persons and Goods: Part 1 Class I II III And VI Lifts Installation	ISO TC- 178 (P)	Comment
18	ETD 25(16907)	Lift Installation : Part 2 Class IV Lifts	ISO TC- 178 (P)	Comment
19	ETD 25(16908)	Passenger Lift Installations - Part 3 : Service Lifts Class V	ISO TC- 178 (P)	Comment

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20	ETD 25(16909)	Lift Elevator Installation: Part 4 Control Devices Signals and Additional Fittings	ISO TC- 178 (P)	Comment
21	ETD 25(16910)	Lifts for the transportation of persons and goods : Part 5 Planning and selection of passenger lifts to be installed in office hotel and residential buildings	ISO TC- 178 (P)	Comment
22	ETD 25(16911)	Electrical Requirements for Lifts Escalators and Moving Walks Part 1 Electromagnetic Compatibility With Regard To Emission	ISO TC- 178 (P)	Comment
23	ETD 25(16912)	Electromagnetic Compatibility Product Family Standard For Lifts Escalators And Moving Walks : Part 2 Immunity	ISO TC- 178 (P)	Comment
24	ETD 25(16924)	Passenger lifts and service lifts Guide rails for lift cars and counterweights T-type	ISO TC- 178 (P)	Comment
25	ETD 40(16861)	Determination of Power Losses In High-Voltage Direct Current HVDC Converter Stations With Line-Commutated Converters first revision	IEC TC- 22F SC- 22F (P)	Comment
26	ETD 40(16862)	Performance of high-voltage direct current HVDC systems with linecommutated converters : Part 1 Steady-state conditions second revision	IEC TC- 22F SC- 22F (P)	Comment
27	ETD 40(16863)	Guideline for planning of HVDC systems : Part 1 HVDC systems with line-commutated converters	IEC TC- 22F SC- 22F (P)	Comment
28	ETD 25(16905)	Lifts Elevators Escalators and Moving Walks Programmable Electronic Systems in Safety Related Applications Part 3 Life Cycle Guideline for Programmable Electronic Systems related to PESSRAL and PESSRAE	ISO TC- 178 (P)	Comment
29	ETD 25(16906)	Lifts for the Transport of Persons and Goods: Part 1 Class I II III And VI Lifts Installation	ISO TC- 178 (P)	Comment
30	ETD 25(16907)	Lift Installation : Part 2 Class IV Lifts	ISO TC- 178 (P)	Comment
31	ETD 25(16908)	Passenger Lift Installations - Part 3 : Service Lifts Class V	ISO TC- 178 (P)	Comment
32	ETD 25(16909)	Lift Elevator Installation: Part 4 Control Devices Signals and Additional Fittings	ISO TC- 178 (P)	Comment
33	ETD 25(16910)	Lifts for the transportation of persons and goods : Part 5 Planning and selection of passenger lifts to be installed in office hotel and residential buildings	ISO TC- 178 (P)	Comment
34	ETD 25(16911)	Electrical Requirements for Lifts Escalators and Moving Walks Part 1 Electromagnetic Compatibility With Regard To Emission	ISO TC- 178 (P)	Comment
35	ETD 25(16912)	Electromagnetic Compatibility Product Family Standard For Lifts Escalators And Moving Walks : Part 2 Immunity	ISO TC- 178 (P)	Comment
36	ETD 25(16924)	Passenger lifts and service lifts Guide rails for lift cars and counterweights T-type	ISO TC- 178 (P)	Comment
37	ETD 11(17002)	Stationary cells and batteries, lead - Acid type (With Tubular Positive Plates) - Specification (Fourth Revision)-Amendment 1	IEC TC-21 (O), IEC TC- SC-21A (P)	Comment

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38	ETD 36(12946)	Live Working - Electrical Insulating Blankets	IEC TC- 78 (O)	Comment
39	ETD 36(12947)	Rigid Protective Covers for Live Working on A.C. Installation	IEC TC- 78 (O)	Comment
40	ETD 11(17002)	Stationary cells and batteries, lead - Acid type (With Tubular Positive Plates) - Specification (Fourth Revision)-Amendment 1	IEC TC-21 (O), IEC TC- SC-21A (P)	Comment
41	ETD 10(17240)	Multipurpose dry batteries - Specification (Second Revision) Amendment - 1	IEC TC- 35 (P)	Comment
42	ETD 51(17241)	Electric Vehicle Conductive Charging Systems Part 23 dc Electric Vehicle Supply Equipment	IEC TC-69 (P)	Comment
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD				

ICT/LITD

The following Draft Indian Standards were issued by Electronics and Information Technology division council (LTD) of BIS for eliciting technical comments:

Electronics and Information Technology Department (LITD)				
SI No	Document No	Title of the Doc	IEC/ISO	Give comments
1	LITD 4(16723)	Organic light emitting diode OLED displays Part 5-2: Mechanical endurance test methods	IEC TC- 110 (P); ISO TC-295 (P)	Comment
2	LITD 4(16727)	Organic light emitting diode OLED displays Part 5-3: Measuring methods of image sticking and lifetime	IEC TC- 110 (P); ISO TC-295 (P)	Comment
3	LITD 17(16733)	Information technology Lightweight cryptography Part 6: Message authentication codes MACs	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
4	LITD 17(16734)	Information security Lightweight cryptography Part 7: Broadcast authentication protocols	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
5	LITD 4(16736)	Organic light emitting diode OLED displays Part 6-1: Measuring methods of optical and electro-optical parameters	IEC TC- 110 (P); ISO TC-295 (P)	Comment
6	LITD 4(16740)	Organic light emitting diode OLED displays Part 6-3: Measuring methods of image quality	IEC TC- 110 (P); ISO TC-295 (P)	Comment
7	LITD 17(16742)	Information technology Security techniques Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment

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8	LITD 17(16743)	Information technology Security techniques Authentication context for biometrics	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
9	LITD 10(16746)	Power systems management and associated information exchange Data and communications security Part 8: Role-based access control for power system management	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
10	LITD 10(16747)	Power systems management and associated information Exchange Data and communications security Part 9: Cyber security key management for power system equipment	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
11	LITD 10(16748)	Power systems management and associated information exchange - Data and communications security Part 10: Security architecture guidelines	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
12	LITD 10(16749)	Power systems management and associated information exchange Data and communications security Part 11: Security for XML documents	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
13	LITD 10(16751)	Power systems management and associated information exchange Data and communications security Part 12: Resilience and security recommendations for power systems with distributed energy resources DER cyber-physical systems	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
14	LITD 17(16752)	Information technology Security techniques Privacy engineering for system life cycle processes	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
15	LITD 17(16753)	Information security cybersecurity and privacy protection Guidelines for information security management systems auditing	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
16	LITD 10(16754)	Power systems management and associated information exchange - Data and communications security Part 13: Guidelines on security topics to be covered in standards and specifications	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment

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17	LITD 17(16755)	Information technology Online privacy notices and consent	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
18	LITD 17(16756)	Information technology Electronic discovery Part 3: Code of practice for electronic discovery	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
19	LITD 10(16757)	Power systems management and associated information exchange -Data and communications security Part 90-1: Guidelines for handling role-based access control in power systems	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
20	LITD 10(16758)	Power systems management and associated information exchange Data and communications security Part 90-2: Deep packet inspection of encrypted communications	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
21	LITD 10(16759)	Power systems management and associated information exchange Data and communications security Part 100-1: Conformance test cases for IEC TS 62351-5 and IEC TS 60870-5-7	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
22	LITD 10(16760)	Power systems management and associated information exchange Data and communications security Part 100-3: Conformance test cases for IEC 62351-3 the secure communication extension for profiles including TCP/IP	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
23	LITD 10(16762)	Telecontrol equipment and systems Part 5-7: Transmission protocols Security extensions to IEC 60870-5-101 and IEC 60870-5-104 protocols applying IEC 62351	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
24	LITD 29(16815)	Blockchain and distributed ledger technologies Vocabulary	No details found	Comment
25	LITD 29(16816)	Blockchain and distributed ledger technologies Privacy and personally identifiable information protection considerations	No details found	Comment
26	LITD 29(16818)	Blockchain and distributed ledger technologies Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems	No details found	Comment

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27	LITD 17(16938)	INFORMATION TECHNOLOGY SECURITY TECHNIQUES SECURITY REQUIREMENTS FOR CRYPTOGRAPHIC MODULES	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	Comment
28	LITD 5(16953)	Environmental testing Part 2 Tests Section 20 Test T: Test methods for solderability and resistance to soldering heat of devices with leads	IEC TC- 40 (P) IEC TC- 47A SC-47A (P) IEC TC- 91 (P) IEC TC- 47F SC-47F (O) IEC TC- 86B SC-86B (O)	Comment
29	LITD 5(16954)	Environmental testing Part 2 Tests Section 58 Test Td: Test methods for solderability resistance to dissolution of metallization and to soldering heat of surface mounting devices SMD	IEC TC- 40 (P) IEC TC- 47A SC-47A (P) IEC TC- 91 (P) IEC TC- 47F SC-47F (O) IEC TC- 86B SC-86B (O)	Comment
30	LITD 5(16955)	Environmental testing Part 2 Tests Section 69 Test TeTc: Solderability testing of electronic components and printed boards by the wetting balance force measurement method	IEC TC- 40 (P) IEC TC- 47A SC-47A (P) IEC TC- 91 (P) IEC TC- 47F SC-47F (O) IEC TC- 86B SC-86B (O)	Comment
31	LITD 5(16956)	Environmental testing Part 2 Tests Section 82 Test Xw1: Whisker test methods for components and parts used in electronic assemblies	IEC TC- 40 (P) IEC TC- 47A SC-47A (P) IEC TC- 91 (P) IEC TC- 47F SC-47F (O) IEC TC- 86B SC-86B (O)	Comment
32	LITD 5(16957)	Environmental testing Part 2 Tests Section 83 Test Tf: Solderability testing of electronic components for surface mounting devices SMD by the wetting balance method using solder paste	IEC TC- 40 (P) IEC TC- 47A SC-47A (P) IEC TC- 91 (P) IEC TC- 47F SC-47F (O) IEC TC- 86B SC-86B (O)	Comment

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33	LITD 5(16958)	Electronics assembly technology Part 4 Endurance test methods for solder joint of area array type package surface mount devices	IEC TC- 40 (P) IEC TC- 47A SC- 47A (P) IEC TC- 91 (P) IEC TC- 47F SC- 47F (O) IEC TC- 86B SC- 86B (O)	Comment
34	LITD 10(16961)	POWER SYSTEMS MANAGEMENT AND ASSOCIATED INFORMATION EXCHANGE DATA AND COMMUNICATION SECURITY Part 6: Security for IEC 61850	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
35	LITD 20(16341)	Linguistic Resources - POS Tag Set for Indian Languages Guidelines for designing Tagsets and Specification	ISO/IEC/JTC1 TC- 2 SC- 2 (P)	Comment
36	LITD 17(16938)	INFORMATION TECHNOLOGY SECURITY TECHNIQUES SECURITY REQUIREMENTS FOR CRYPTOGRAPHIC MODULES	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC- WG SC-13 (P)	Comment
37	LITD 10(16961)	POWER SYSTEMS MANAGEMENT AND ASSOCIATED INFORMATION EXCHANGE DATA AND COMMUNICATION SECURITY Part 6: Security for IEC 61850	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P);	Comment
38	LITD 26(17004)	Alarm systems Intrusion and hold-up systems Part 2 Intrusion detectors Section 6 Opening contacts magnetic	IEC TC- 79 SC- (P)	Comment
39	LITD 9(17072)	Specification for radio disturbance and immunity measuring apparatus and methods Part 1 Radio disturbance and immunity measuring apparatus Section 6 EMC antenna calibration	IEC TC- 79 SC- (P)	Comment
40	LITD 9(17074)	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 1528: Human models instrumentation and procedures Frequency range of	IEC TC- 77 (P), IEC TC-CISPR (O), IEC TC- 77A SC- 77A (P), ISO TC- 77B SC- 77B (P)	Comment
41	LITD 20(16341)	Linguistic Resources - POS Tag Set for Indian Languages Guidelines for designing Tagsets and Specification	ISO/IEC/JTC1 TC- 2 SC- 2 (P)	Comment

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42	LITD 32(16714)	Information technology Object oriented BioAPI Part 2: Java implementation	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
43	LITD 32(16715)	Information technology Object oriented BioAPI Part 3: C implementation	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
44	LITD 32(16724)	Information technology Biometric presentation attack detection Part 4: Profile for testing of mobile devices	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
45	LITD 32(16725)	INFORMATION TECHNOLOGY BIOMETRIC PERFORMANCE TESTING AND REPORTING PART 2: TESTING METHODOLOGIES FOR TECHNOLOGY AND SCENARIO EVALUATION	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
46	LITD 32(16726)	INFORMATION TECHNOLOGY BIOMETRIC PERFORMANCE TESTING AND REPORTING PART 3: MODALITY-SPECIFIC TESTING	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
47	LITD 32(16729)	Information Technology - Biometric performance testing and reporting - part 4: Interoperability performance testing	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
48	LITD 32(16730)	Information Technology - Biometric performance testing and reporting - part 5: Access control scenario and grading scheme	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
49	LITD 32(16731)	Information Technology - Biometric performance testing and reporting - part 6: Testing methodologies for operational evaluation	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
50	LITD 32(16732)	Information Technology - Biometric performance testing and reporting - part 7: Testing of on-card biometric comparison algorithms	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
51	LITD 26(17004)	Alarm systems Intrusion and hold-up systems Part 2 Intrusion detectors Section 6 Opening contacts magnetic	IEC TC- 79 SC- (P)	Comment
52	LITD 9(17072)	Specification for radio disturbance and immunity measuring apparatus and methods Part 1 Radio disturbance and immunity measuring apparatus Section 6 EMC antenna calibration	IEC TC- 77 (P), IEC TC-CISPR (O), IEC TC- 77A SC- 77A (P), ISO TC- 77B SC- 77B (P)	Comment

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53	LITD 9(17073)	Television broadcast receivers and associated equipment Immunity characteristics Methods of objective picture assessment	IEC TC- 77 (P), IEC TC-CISPR (O), IEC TC- 77A SC-77A (P), ISO TC- 77B SC-77B (P)	Comment
54	LITD 9(17074)	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 1528: Human models instrumentation and procedures Frequency range of	IEC TC- 77 (P), IEC TC-CISPR (O), IEC TC- 77A SC-77A (P), ISO TC- 77B SC-77B (P)	Comment
55	LITD 14(17221)	Information technology Software asset management Part 2: Software identification tag	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
56	LITD 14(17222)	Information technology IT asset management Part 3: Entitlement schema	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
57	LITD 14(17223)	Systems and software engineering Lifecycle profiles for Very Small Entities VSEs Part 1: Overview	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
58	LITD 14(17224)	Software Engineering Lifecycle profiles for Very Small Entities VSEs Part 2: Framework and taxonomy	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
59	LITD 14(17225)	Software systems and enterprise Architecture processes	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
60	LITD 14(17226)	Software systems and enterprise Architecture evaluation framework	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)	Comment
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/66/3/LITD				

Transport (TED)

The following Draft Indian Standards were issued by Transport engineering division council at BIS during the last quarter for eliciting technical comment:

Transport Engineering Department (TED)				
S.No.	Document No	Title of the Doc	IEC/ISO	Give comments

Annexure-1: Standards by BIS, ARAI and TSDSI

1	TED 27(13664)	Electric Traction Motor - Performance and Functional Requirements	ISO TC-22 (P); ISO TC-22 SC-37 (O); IEC TC-69 (O)	Comment
2	TED 27(16615)	SPECIFIC REQUIREMENT FOR ELECTRIC POWER TRAIN OF L CATEGORY VEHICLES	ISO TC-22 (P); ISO TC-22 SC-37 (O); IEC TC-69 (O)	Comment
2	TED 27(16784)	SPECIFIC REQUIREMENT FOR ELECTRIC POWER TRAIN OF M N CATEGORY VEHICLES	ISO TC-22 (P); ISO TC-22 SC-37 (O); IEC TC-69 (O)	Comment
3	TED 11(17018)	ISO 26262-1 Road vehicles Functional safety Part 1: Vocabulary	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
4	TED 11(17019)	Road vehicles Functional safety Part 2: Management of functional safety	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
5	TED 11(17020)	Road vehicles Functional safety Part 3: Concept phase	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
6	TED 11(17021)	Road vehicles Functional safety Part 4: Product development at the system level	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
7	TED 11(17022)	Road vehicles Functional safety Part 5: Product development at the hardware level	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
8	TED 11(17023)	Road vehicles Functional safety Part 6: Product development at the software level	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-	Comment

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			32 (P); ISO TC-22 SC-35 (P)	
9	TED 11(17024)	Road vehicles Functional safety Part 7: Production, operation, service and decommissioning	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
10	TED 11(17025)	Road vehicles Functional safety Part 8: Supporting processes	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
11	TED 11(17026)	Road vehicles Functional safety Part 9: Automotive safety integrity level (ASIL)-oriented and safety-oriented analyses	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
12	TED 11(17027)	Road vehicles Functional safety Part 10: Guidelines on ISO 26262	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
13	TED 11(17028)	Road vehicles Functional safety Part 11: Guidelines on application of ISO 26262 to semiconductors	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment
14	TED 11(17029)	Road vehicles Functional safety Part 12: Adaptation of ISO 26262 for motorcycles	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	Comment

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15	TED 7(17234)	Automotive vehicles - Rims - General requirements: Part 1 nomenclature, designation, marking and measurement (First Revision) Amendment – 1	ISO TC- 22 (P); ISO TC- 19 SC- 19 (O); ISO TC- 31 (P); ISO TC- 3 SC- 3 (P); ISO TC- 34 SC- 34 (P); ISO TC- 5 SC- 5 (O); ISO TC- 6 SC- 6 (O); ISO TC- 7 SC- 7 (O); ISO TC- 9 SC- 9 (P); ISO TC- 10 SC- 10 (P)	Comment
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED				

Smart City/Civil Department (CED)

The following Draft Indian Standards were issued by CED 59-Smart Cities Sectional Committee of Civil engineering division council at BIS during the last quarter for eliciting technical comment:

Smart Cities				
S.No.	Document No	Title of the Doc	IEC/ISO	Give comments
1	CED 59(16966)	Sustainable development of habitats - Indicators for smart cities	ISO TC- 268 (P) ISO TC- 1 SC- 1 (P)	comment
2	CED 59(16967)	Sustainable development of habitats - Indicators for resilient cities	ISO TC- 268 (P) ISO TC- 1 SC- 1 (P)	Comment

Service Sector Department-I (SSD-I)

The following Draft Indian Standards were issued by SSD-I of BIS during the last quarter for eliciting technical comment:

Services (SSD-I)				
S.No.	Document No	Title of the Doc	IEC/ISO	Give comments
1	SSD-I 9(16039)	SIMULTANEOUS INTERPRETING PERMANENT BOOTHS REQUIREMENTS	ISO TC-312 (P); ISO TC-324 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

2	SSD-I 9(16049)	DIGITAL ANALYTICS AND WEB ANALYSES FOR PURPOSES OF MARKET OPINION AND SOCIAL RESEARCH VOCABULARY AND SERVICE REQUIREMENTS	ISO TC-312 (P); ISO TC-324 (P)	Comment
3	SSD-I 9(16059)	COLLABORATIVE BUSINESS RELATIONSHIP MANAGEMENT SYSTEMS- REQUIREMENTS AND FRAMEWORK	ISO TC-312 (P); ISO TC-324 (P)	Comment
4	SSD-I 2(17009)	Recreational diving services - Requirements and guidance on environmentally sustainable practices in recreational diving	ISO TC-228 (P)	Comment
5	SSD-I 2(17013)	Recreational diving services-Requirements for training on environmental awareness for recreational divers	ISO TC-228 (P)	Comment
6	SSD-I 2(17014)	Recreational diving services - Requirements for recreational diving providers	ISO TC-228 (P)	Comment
7	SSD-I 9(17145)	XLIFF XML Localisation interchange file format	ISO TC-312 (P); ISO TC-324 (P)	Comment
8	SSD-I 9(17147)	Translation projects - General guidance	ISO TC-312 (P); ISO TC-324 (P)	Comment

At Automotive Research Association of India (ARAI)

The following Draft Indian Standards were issued by Automotive Research Association of India during the last quarter for eliciting technical comment:

At Automotive Research Association of India (ARAI)			
S.No.	Department	Code	Title
No records found			
https://araiindia.com/downloads			

ICT at TSDSI

"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	NIP 258	Characterization of E-band for 4G/5G Backhaul & Rural Broadband	TSDSI-SGN-NIP258-V1.2.0-20210128	Accepted
2	NIP 258	Characterization of E-band for 4G/5G Backhaul & Rural Broadband	TSDSI-SGN-NIP258-V1.1.0-20210127	Accepted
1	NIP 261	Technical Report for User Device Data Protection	TSDSI-SGSS-NIP261-V4.0.0-20210315	Accepted
For complete details of the NIP please click here				

Annexure-1: Standards by BIS, ARAI and TSDSI

“List of Study Item status update”				
S. No.	Study Item	Name	Version	Status
1	SI83	UAV Assisted C-RAN for 5G and beyond	TSDSI-SGN-SI83-V1.0.0-20210208	Initiated
2	SI82	Bandwidth aggregation for 5G TV Broadcast from the co-located UEs: A physical layer prospective with FeMBMS and downlink broadcast control channel	TSDSI-SGN-SI82-V1.0.0-20210208	Initiated
3	SI87	Communications requirements and recommendations for the energy sector	TSDSI-SGSS-SI87-V1.0.0-20210215	Initiated
4	SI86	Study of technical aspects for deployment of a pan-India Broadband PPDR network based on PS-LTE and 5G technology	TSDSI-SGSS-SI86-V1.0.0-20210215	Initiated
5	SI85	Rural Broadband Architecture	TSDSI-SGSS-SI85-V1.0.0-20210215	Initiated
6	SI84	Smart IoT Communication : Context Specific Data Pruning in Smart IoT Applications	TSDSI-SGSS-SI84-V1.0.0-20210215	Initiated

[For complete details of the Study Items please click here](#)

“List of SWIP Status Update”				
S. No.	SWIP	Name	Version	Status
1	SWIP694	Flexible resource utilization in IAB networks with in-band full duplex	TSDSI-SGN-SWIP694-V1.0.0-20210115	Accepted
2	SWIP695	6G use case of hologram authentication	TSDSI-SGN-SWIP695-V1.0.0-20210120	Accepted
3	SWIP696	Frugal Hologram	TSDSI-SGN-SWIP696-V1.0.0-20210120	Accepted
4	SWIP697	Open Disaggregated Virtual RAN	TSDSI-SGN-SWIP697-V1.0.0-20210127	Accepted
5	SWIP698	Email discussion summary on TSDSI NIP226	TSDSI-SGN-SWIP698-V1.0.0-20210127	Accepted
6	SWIP699	NB-IoT capabilities for Energy Metering	TSDSI-SGN-SWIP699-V1.0.0-20210127	Accepted

Annexure-1: Standards by BIS, ARAI and TSDSI

7	SWIP700	Limitations of existing relay architectures in 3GPP Standards	TSDSI-SGN-SWIP700-V1.0.0-20210127	Accepted
8	SWIP701	Draft LS for SI 73 and SI 74	TSDSI-SGN-SWIP701-V1.0.0-20210127	Accepted
9	SWIP702	TSDSI-SGN-SI73 -V1.0.0_StatusReport-Jan-2020	TSDSI-SGN-SWIP702-V1.0.0-20210127	Accepted
10	SWIP703	TSDSI-SGN-SI74 -V1.0.0_StatusReport-Jan-2021	TSDSI-SGN-SWIP703-V1.0.0-20210127	Accepted
11	SWIP701	TSDSI-SGN-SI74 -V1.0.0_StatusReport-Jan-2021	TSDSI-SGN-SWIP701-V1.1.0-20210127	Accepted
12	SWIP702	TSDSI-SGN-SI74 -V1.0.0_StatusReport-Jan-2021	TSDSI-SGN-SWIP702-V1.1.0-20210127	Accepted
13	SWIP703	TSDSI-SGN-SI74 -V1.0.0_StatusReport-Jan-2021	TSDSI-SGN-SWIP703-V1.1.0-20210127	Accepted
14	SWIP705	Need for Post-Quantum-Cryptography in 5G Networks	TSDSI-SGN-SWIP705-V1.1.0-20210315	Accepted
15	SWIP706	Common User Profile Format	TSDSI-SGN-SWIP706-V1.1.0-20210315	Accepted
16	SWIP707	Study of technical aspects for deployment of a pan-India Broadband PPDR network based on PS-LTE and 5G technology	TSDSI-SGN-SWIP707-V1.1.0-20210315	Accepted
17	SWIP708	Indian Language Support for Financial Transactions & Application	TSDSI-SGN-SWIP708-V1.1.0-20210315	Accepted
18	SWIP710	Rural Broadband Architecture	TSDSI-SGN-SWIP710-V1.1.0-20210315	Accepted
19	SWIP709	COMMUNICATIONS REQUIREMENTS AND RECOMMENDATIONS FOR THE ENERGY SECTOR	TSDSI-SGN-SWIP709-V1.1.0-20210315	Accepted
20	SWIP710	Rural Broadband Architecture	TSDSI-SGN-SWIP710-V1.1.0-20210315	Accepted

Annexure-1: Standards by BIS, ARAI and TSDSI

21	SWIP711	Status Report for SI 70	TSDSI-SGN-SWIP711-V1.0.0-20210330	Accepted
22	SWIP712	Status Report for SI 73	TSDSI-SGN-SWIP712-V1.0.0-20210330	Accepted
23	SWIP713	Status Report on SI 74	TSDSI-SGN-SWIP713-V1.0.0-20210315	Accepted
24	SWIP714	UAV Assisted C-RAN for 5G and Beyond	TSDSI-SGN-SWIP714-V1.0.0-20210331	Accepted
25	SWIP715	Bandwidth aggregation for 5G TV Broadcast from the co-located UEs: A physical layer prospective with FeMBMS and downlink broadcast control channel	TSDSI-SGN-SWIP715-V1.0.0-20210331	Accepted
26	SWIP716	Email discussion summary on TSDSI NIP226	TSDSI-SGN-SWIP715-V1.0.0-20210401	Accepted
For complete details of the SWIP please click here and select SWIP				