

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 15(16745)	Rotating electrical machines - Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement evaluation and limits of vibration severity	IEC TC- (P); ISO TC-43 SC-1 (O)	Comment
2	ETD 14(16866)	Plugs and socket - Outlets of rated Voltage up to and including 250 Volts and rated current up to and including 16 amperes - Specification (Third Revision) Amendment – 2	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P)	Comment
3	ETD 14(17443)	Switch Socket Outlets Non-Interlock Type First Revision	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

4	ETD 20(17173)	GUIDE FOR IMPLEMENTATION OF ELECTRICAL INSTALLATION STANDARDS IN BUILDING	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 51(17360)	Electric Vehicle Conductive Charging Systems Part XX AC Charging Configurations Section 1 - AC Charge Point for Light Electric Vehicle	IEC TC-69 (P)	Comment
6	ETD 51(17469)	PLUGS SOCKET-OUTLETS VEHICLE CONNECTORS AND VEHICLE INLETS CONDUCTIVE CHARGING OF ELECTRIC VEHICLES Part 2 Plugs Socket Outlets Vehicle Connectors and Vehicle Inlets Section 6 Dimensional compatibility requirements for DC pin and contact t	IEC TC-69 (P)	Comment
7	ETD 19(17389)	Insulation Coordination for Equipment Within Low-Voltage Systems Part 1 Principles Requirements and Tests	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	Comment
8	ETD 19(17390)	INSTRUMENTS AND SOFTWARE USED FOR MEASUREMENT IN HIGH-VOLTAGE AND HIGH-CURRENT TESTS Part 3: Requirements for Hardware For Tests With Alternating And Direct Voltages and Currents	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	Comment
9	ETD 12(17433)	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 1 GENERAL REQUIREMENTS	IEC TC-85 (O)	Comment
10	ETD 12(17434)	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 2 INSULATION RESISTANCE	IEC TC-85 (O)	Comment
11	ETD 12(17460)	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS Part 1: POWER QUALITY INSTRUMENTS PQI	IEC TC-85 (O)	Comment
12	ETD 12(17461)	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS PART 2: FUNCTIONAL TESTS AND UNCERTAINTY REQUIREMENTS	IEC TC-85 (O)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

13	ETD 40(17462)	Design of earth electrode stations for high-voltage direct current HVDC links General guidelines	IEC TC- 22F SC- 22F (P)	Comment
14	ETD 40(17463)	Thyristor Valves For High Voltage Direct Current HVDC Power Transmission Part 2: Terminology	IEC TC- 22F SC- 22F (P)	Comment
15	ETD 40(17464)	Terminology For Voltage-Sourced Converters VSC for High-Voltage Direct Current HVDC Systems	IEC TC- 22F SC- 22F (P)	Comment
16	ETD 40(17465)	Power Losses in Voltage Sourced Converter VSC Valves for High-Voltage Direct Current HVDC Systems Part 1: General Requirements	IEC TC- 22F SC- 22F (P)	Comment
17	ETD 40(17466)	Power losses in voltage sourced converter VSC valves for high-voltage direct current HVDC systems Part 2: Modular multilevel converters	IEC TC- 22F SC- 22F (P)	Comment
18	ETD 40(17467)	Fire prevention measures on converters for high-voltage direct current HVDC systems static var compensators SVC and flexible ac transmission systems FACTS and their valve halls	IEC TC- 22F SC- 22F (P)	Comment
19	ETD 40(17470)	Thyristor valves for thyristor-controlled series capacitors TCSC Electrical testing	IEC TC- 22F SC- 22F (P)	Comment
20	ETD 40(17471)	Voltage sourced converter VSC valves for static synchronous compensator STATCOM Electrical testing	IEC TC- 22F SC- 22F (P)	Comment
21	ETD 6(17475)	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
22	ETD 6(17477)	Dimensions of Clevis and Tongue Couplings of String Insulator Units	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
23	ETD 36(12946)	Live Working - Electrical Insulating Blankets	IEC TC- 78 (O)	Comment
24	ETD 36(12947)	Rigid Protective Covers for Live Working on A.C. Installation	IEC TC- 78 (O)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

25	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
26	ETD 10(17240)	Multipurpose dry batteries - Specification (Second Revision) Amendment - 1	IEC TC- 35 (P)	Comment
27	ETD 51(17241)	Electric Vehicle Conductive Charging Systems Part 23 dc Electric Vehicle Supply Equipment	IEC TC-69 (P)	Comment
28	ETD 32(16992)	HOUSEHOLD ELECTRIC COOKING APPLIANCES PERFORMANCE REQUIREMENTS OF ELECTRIC HOBS	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
29	ETD 20(17173)	GUIDE FOR IMPLEMENTATION OF ELECTRICAL INSTALLATION STANDARDS IN BUILDING	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)	Comment
30	ETD 19(17389)	Insulation Coordination for Equipment Within Low-Voltage Systems Part 1 Principles Requirements and Tests	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	Comment
31	ETD 19(17390)	INSTRUMENTS AND SOFTWARE USED FOR MEASUREMENT IN HIGH-VOLTAGE AND HIGH-CURRENT TESTS Part 3: Requirements for Hardware For Tests With Alternating And Direct Voltages and Currents	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	Comment
32	ETD 12(17433)	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 1 GENERAL REQUIREMENTS	IEC TC-85 (O)	Comment
33	ETD 12(17434)	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 2 INSULATION RESISTANCE	IEC TC-85 (O)	Comment
34	ETD 12(17460)	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS Part 1: POWER QUALITY INSTRUMENTS PQI	IEC TC-85 (O)	Comment
35	ETD 12(17461)	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS PART 2: FUNCTIONAL TESTS AND UNCERTAINTY REQUIREMENTS	IEC TC-85 (O)	Comment
36	ETD 40(17462)	Design of earth electrode stations for high-voltage direct current HVDC links General guidelines	IEC TC- 22F SC- 22F (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

37	ETD 40(17463)	Thyristor Valves For High Voltage Direct Current HVDC Power Transmission Part 2: Terminology	IEC TC- 22F SC- 22F (P)	Comment
38	ETD 40(17464)	Terminology For Voltage-Sourced Converters VSC for High-Voltage Direct Current HVDC Systems	IEC TC- 22F SC- 22F (P)	Comment
39	ETD 40(17465)	Power Losses in Voltage Sourced Converter VSC Valves for High-Voltage Direct Current HVDC Systems Part 1: General Requirements	IEC TC- 22F SC- 22F (P)	Comment
40	ETD 40(17466)	Power losses in voltage sourced converter VSC valves for high-voltage direct current HVDC systems Part 2: Modular multilevel converters	IEC TC- 22F SC- 22F (P)	Comment
41	ETD 40(17594)	Performance of Unified Power Flow Controller UPFC in Electric Power Systems	IEC TC- 22F SC- 22F (P)	Comment
42	ETD 40(17467)	Fire prevention measures on converters for high-voltage direct current HVDC systems static var compensators SVC and flexible ac transmission systems FACTS and their valve halls	IEC TC- 22F SC- 22F (P)	Comment
43	ETD 40(17470)	Thyristor valves for thyristor-controlled series capacitors TCSC Electrical testing	IEC TC- 22F SC- 22F (P)	Comment
44	ETD 40(17471)	Voltage sourced converter VSC valves for static synchronous compensator STATCOM Electrical testing	IEC TC- 22F SC- 22F (P)	Comment
45	ETD 6(17473)	Specification for indoor post insulators of organic material for systems with nominal voltages greater than 1000 v up to and including 300 kv	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
46	ETD 6(17474)	Insulated Bushings for Alternating Voltages above 1 000 V Amendment – 1	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
47	ETD 6(17475)	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
48	ETD 6(17477)	Dimensions of Clevis and Tongue Couplings of String Insulator Units	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
49	ETD 6(17478)	Artificial pollution tests on high - Voltage ceramic and glass insulators to be used on d.c. systems Amendment – 1	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
50	ETD 6(17551)	Ball and socket couplings of string insulator units – Dimensions	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
51	ETD 6(17552)	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
52	ETD 6(17553)	Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for ac systems - Characteristics of insulator units of the cap and pin type	IEC TC- (P); IEC TC- 36A SC- 36A (O)	Comment
53	ETD 1(17699)	Electrotechnical Vocabulary: Part 60 Equipment for Explosive Atmospheres Second Revision	IEC TC-13 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

54	ETD 15(17738)	Steam Turbine Part 1 Specifications first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	Comment
55	ETD 15(17739)	ROTATING ELECTRICAL MACHINES Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	Comment
56	ETD 15(17752)	ROTATING ELECTRICAL MACHINES Part 4 Electrically excited synchronous machine quantities Section 1 Test methods first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	Comment
57	ETD 15(17753)	ROTATING ELECTRICAL MACHINES Part 7: Classification of types of construction mounting arrangements and terminal box position IM Code Second revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	Comment
58	ETD 15(17754)	Gas turbines Acceptance tests first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	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 32(15691)	Information technology Biometric presentation attack detection Part 1: Framework	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
2	LITD 32(15692)	Information technology Biometric presentation attack detection Part 2: Data formats	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
3	LITD 32(15693)	Information technology Biometric Identity Assurance Services Part 1: BIAS services	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
4	LITD 32(15694)	Information technology Biometrics used with mobile devices	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
5	LITD 32(15695)	Information technology Performance testing of biometric template protection schemes	ISO/IEC TC-JTC 1 SC-37 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

6	LITD 32(15696)	Information technology Biometric performance testing and reporting Part 9: Testing on mobile devices	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
7	LITD 32(15697)	Information technology Extensible biometric data interchange formats Part 1: Framework	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
8	LITD 32(15698)	Information technology Extensible biometric data interchange formats Part 4: Finger image data	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
9	LITD 32(15699)	Information technology Extensible biometric data interchange formats Part 5: Face image data	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
10	LITD 32(15700)	Information technology Cross-jurisdictional and societal aspects of implementation of biometric technologies Pictograms icons and symbols for use with biometric systems Part 5: Face applications	ISO/IEC TC-JTC 1 SC-37 (P)	Comment
11	LITD 13(16376)	INFORMATION PROCESSING DATA ENCIPHERMENT PHYSICAL LAYER INTEROPERABILITY REQUIREMENTS	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	Comment
12	LITD 13(16377)	Information processing systems - Information exchange between systems - Synchronous transmission signal quality at DTEDCE interfaces	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	Comment
13	LITD 13(16397)	Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Specification functional model and information flows - Name identification supplementary services	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	Comment
14	LITD 13(17076)	ELECTRO TECHNICAL VOCABULARY PART 58 TELECOMMUNICATION CHANNELS AND NETWORKS	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

15	LITD 23(16472)	INFORMATION TECHNOLOGY CODING OF AUDIO-VISUAL OBJECTS PART 15 CARRIAGE OF NETWORK ABSTRACTION LAYER NAL UNIT STRUCTURED VIDEO IN THE ISO BASE MEDIA FILE FORMAT first revision	ISO/IEC/JTC1 TC- 24 SC- 24 (O) ISO/IEC/JTC1 TC-SC 29 SC- (P)	Comment
16	LITD 16(16493)	Identification cards Integrated circuit cards Part 15: Cryptographic information application	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment
17	LITD 16(16494)	Cards and security devices for personal identification Test methods Part 1: General characteristics	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment
18	LITD 16(16496)	Identification cards — Test methods — Part 3: Integrated circuit cards with contacts and related interface devices	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment
19	LITD 16(16498)	Test methods for machine readable travel documents MRTD and associated devices Part 1: Physical test methods for passport books durability	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

20	LITD 16(16499)	Information technology Test methods for machine readable travel documents MRTD and associated devices Part 2: Test methods for the contactless interface	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment
21	LITD 16(16518)	SCOSTA: Smart Card Operating System Template Architecture Part 1 Basic Command Set	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O) ; ISO/IEC/JTC1 TC- 31 SC- 31 (P): ISO/IEC/JTC1 TC- SC- 17 (P):	Comment
22	LITD 10(17111)	Power systems management and associated information exchange Data and communications security Part 7: Network and System Management NSM data object models	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	Comment
23	LITD 10(17125)	Power systems management and associated information exchange - Data and communications security - Part 4: Profiles including MMS and derivatives	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	Comment
24	LITD 10(17140)	Energy management system application program interface EMS-API - Part 452: CIM static transmission network model profiles	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	Comment
25	LITD 24(17151)	Quartz crystal units for frequency control and selection Part 2: Guide to the use of quartz crystal units for frequency control and selection	IEC TC- 49 (P); ISO TC- 51 (P)	Comment
26	LITD 24(17153)	QUARTZ CRYSTAL UNITS OF ASSESSED QUALITY PART 3: STANDARD OUTLINES AND LEAD CONNECTIONS	IEC TC- 49 (P); ISO TC- 51 (P)	Comment
27	LITD 24(17154)	Quartz Crystal Units of Assessed Quality Part 1: Generic Specification	IEC TC- 49 (P); ISO TC- 51 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

28	LITD 24(17162)	CALCULATION OF THE EFFECTIVE PARAMETERS OF MAGNETIC PIECE PARTS First Revision	IEC TC- 49 (P); ISO TC- 51 (P)	Comment
29	LITD 24(17164)	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 11: EC-CORES FOR USE IN POWER SUPPLY APPLICATIONS	IEC TC- 49 (P); ISO TC- 51 (P)	Comment
30	LITD 24(17167)	FERRITE CORES GUIDELINES ON DIMENSIONS AND THE LIMITS OF SURFACE IRREGULARITIES PART 5: EP-CORES AND ASSOCIATED PARTS FOR USE IN INDUCTORS AND TRANSFORMERS	IEC TC- 49 (P); ISO TC- 51 (P)	Comment
31	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
32	LITD 32(16714)	Information technology Object oriented BioAPI Part 2: Java implementation	ISO/IEC TC-JTC 1 SC- 37 (P)	Comment
33	LITD 32(16715)	Information technology Object oriented BioAPI Part 3: C implementation	ISO/IEC TC-JTC 1 SC- 37 (P)	Comment
34	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
35	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
36	LITD 32(16726)	INFORMATION TECHNOLOGY BIOMETRIC PERFORMANCE TESTING AND REPORTING PART 3: MODALITY-SPECIFIC TESTING	ISO/IEC TC-JTC 1 SC- 37 (P)	Comment
37	LITD 32(16729)	Information Technology - Biometric performance testing and reporting - part 4: Interoperability performance testing	ISO/IEC TC-JTC 1 SC- 37 (P)	Comment
38	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

Annexure-1: Standards by BIS, ARAI and TSDSI

39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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

Annexure-1: Standards by BIS, ARAI and TSDSI

48	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
49	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
50	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
51	LITD 23(16472)	INFORMATION TECHNOLOGY CODING OF AUDIO-VISUAL OBJECTS PART 15 CARRIAGE OF NETWORK ABSTRACTION LAYER NAL UNIT STRUCTURED VIDEO IN THE ISO BASE MEDIA FILE FORMAT first revision	ISO/IEC/JTC1 TC- 24 SC- 24 (O) ISO/IEC/JTC1 TC-SC 29 SC- (P)	Comment
52	LITD 29(16818)	Blockchain and distributed ledger technologies Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems		Comment
53	LITD 10(17093)	Guidelines for SCADA system displays	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	Comment
54	LITD 10(17494)	Systems Interface between customer energy management and the power management system - Part 10-1: Open Automated Demand Response	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	Comment
55	LITD 11(17658)	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 31 Tensile strength (First Revision)	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	Comment
56	LITD 11(17659)	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 32 Coating strippability First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	Comment
57	LITD 11(17660)	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 40 Attenuation measurement methods First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P);	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

			IEC TC- 86 B SC- 86 B (O)	
58	LITD 11(17661)	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 49 Differential mode delay First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	Comment
59	LITD 11(17662)	Calibration of fibre-optic power meters Superseding IS 14976: 2012	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	Comment
60	LITD 11(17663)	Optical Fibre Cables Part 1 Generic specification Section 31 Optical cable elements Optical fibre ribbon	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	Comment
61	LITD 12(17683)	Methods of measurement for radio transmitters Part 8: Performance characteristics of television transmitters	IEC TC- 103 (O)	Comment
62	LITD 12(17684)	Methods of measurement for radio transmitters Part 9: Cabinet radiation at frequencies between 130 kHz and 1 GHz	IEC TC- 103 (O)	Comment
63	LITD 12(17685)	Methods of measurement for radio transmitters Part 10: Cabinet radiation at frequencies above 1 GHz along with Supplement 7A :1980	IEC TC- 103 (O)	Comment
64	LITD 12(17686)	Methods of measurement for radio transmitters Part 11: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers	IEC TC- 103 (O)	Comment
65	LITD 12(17687)	Methods of measurement of radio transmitters Part 12: Performance characteristics for television transposers	IEC TC- 103 (O)	Comment
66	LITD 12(17688)	Methods of measurement for radio transmitters Part 13: Methods of measurement for television transmitters and transposers employing insertion test signals	IEC TC- 103 (O)	Comment
67	LITD 12(17690)	Methods of measurement for radio transmitters Part 14: Transposers for FM sound broadcasting	IEC TC- 103 (O)	Comment
68	LITD 12(17691)	Methods of measurement for radio transmitters Part 17: External intermodulation products caused by two or more transmitters using the same or adjacent antennas	IEC TC- 103 (O)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

69	LITD 12(17692)	Methods of measurement for radio transmitters Part 18: Amplitude-modulated transmitters for sound broadcasting	IEC TC- 103 (O)	Comment
70	LITD 1(17700)	Environmental Testing Part 1 General and Guidance	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (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
1	TED 22(15462)	Automotive Vehicles - Mechanical Coupling Components of Combinations of Vehicles other than Agricultural Tractors - Requirements	ISO TC- (P); ISO TC- 40 SC- 40 (O); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 3 SC- 3 (P);	Comment
2	TED 29(15842)	Automotive Vehicles- Safety Belts, Restraint Systems and Safety Belt Reminder- Installation Requirements Amendment - 1	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment
3	TED 29(17481)	Road vehicles Airbag components Part 1: Vocabulary	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment
4	TED 29(17484)	ROAD VEHICLES AIRBAG COMPONENTS PART 2: TESTING OF AIRBAG MODULES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P);	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

			ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	
5	TED 29(17485)	ROAD VEHICLES AIRBAG COMPONENTS PART 3: TESTING OF INFLATOR ASSEMBLIES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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-32 (P); ISO TC-22 SC-35 (P)	Comment
14	TED 11(17024)	Road vehicles Functional safety Part 7: Production, operation, service and decommissioning	ISO TC-22 (P); ISO TC-22 SC-31 (P);	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

			ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	
15	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
16	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
17	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
18	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
19	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
20	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
21	TED 29(17481)	Road vehicles Airbag components Part 1: Vocabulary	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

22	TED 29(17484)	ROAD VEHICLES AIRBAG COMPONENTS PART 2: TESTING OF AIRBAG MODULES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment
23	TED 29(17485)	ROAD VEHICLES AIRBAG COMPONENTS PART 3: TESTING OF INFLATOR ASSEMBLIES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	Comment
24	TED 16(17585)	Cycles - Safety requirements for bicycles for young children (First Revision) Amendment - 1	ISO TC-31 SC-10 (P); ISO TC-149 (P); ISO TC-149 SC-1 (P)	Comment
25	TED 16(17674)	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES	ISO TC-31 SC-10 (P); ISO TC-149 (P); ISO TC-149 SC-1 (P)	Comment
26	TED 14(16884)	Unmanned Aerial Vehicles (UAV) - General Requirements	ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (P); ISO TC- 6 SC- 6 (O); ISO TC- 8 SC- 8 (P); ISO TC- 9 SC- 9 (O); ISO TC- 10 SC- 10 (P); ISO TC- 13 SC- 13 (P); ISO TC- 14 SC- 14 (P); ISO TC- 8 SC- 8 (O); ISO TC- 20 (O); ISO TC- 31 (P); ISO TC- 192 (P); ISO TC-20 SC-1 (P); ISO TC-20 SC-4 (P); ISO TC-20 SC-6 (O); ISO TC-20 SC-8 (O); ISO TC-20 SC-8 (P); ISO TC-20 SC-9 (O); ISO TC-20 SC-10 (P); ISO TC-20 SC-13 (P); ISO TC-20 SC-14 (P); ISO TC-31 SC-8 (O)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

27	TED 14(17604)	Unmanned Aerial Vehicles UAV - Drones for Agricultural Purposes	<p>ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (P); ISO TC- 6 SC- 6 (O); ISO TC- 8 SC- 8 (P); ISO TC- 9 SC- 9 (O); ISO TC- 10 SC- 10 (P); ISO TC- 13 SC- 13 (P); ISO TC- 14 SC- 14 (P); ISO TC- 8 SC- 8 (O); ISO TC- 20 (O); ISO TC- 31 (P); ISO TC- 192 (P); ISO TC-20 SC-1 (P); ISO TC-20 SC-4 (P); ISO TC-20 SC-6 (O); ISO TC-20 SC-8 (O); ISO TC-20 SC-8 (P); ISO TC-20 SC-9 (O); ISO TC-20 SC-10 (P); ISO TC-20 SC-13 (P); ISO TC-20 SC-14 (P); ISO TC-31 SC-8 (O)</p>	Comment
28	TED 2(17750)	Method of test for full-flow lubricating oil filters for internal combustion engines - Part 5: Test for hydraulic pulse durability	<p>ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)</p>	Comment
29	TED 2(17755)	Internal combustion engines - Piston rings - Part 2: Inspection measuring principles	<p>ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)</p>	Comment
30	TED 2(17757)	Reciprocating internal combustion engines Exhaust emission measurement Part 1: Test bed measurement systems of gaseous and particulate emissions	<p>ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)</p>	Comment
31	TED 2(17758)	Reciprocating internal combustion engines Exhaust emission measurement Part 4: Steady-state and transient test cycles for different engine applications	<p>ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)</p>	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

32	TED 2(17759)	Reciprocating internal combustion engine driven alternating current generating sets Part 3: Alternating current generators for generating sets	ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (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
No records found				
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/63/3/CED				

Service Sector Department

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

Services				
S.No.	Document No	Title of the Doc	IEC/ISO	Give comments
1	SSD-I 4(17094)	Language-learning services Requirements	ISO TC-232 (P)	Comment
2	SSD-I 4(17254)	Assessment of outcomes of learning services Guidance	ISO TC-232 (P)	Comment
3	SSD-I 4(17255)	Learning services outside formal education Service requirements	ISO TC-232 (P)	Comment
4	SSD-I 4(17256)	Education and learning services Requirements for distance learning	ISO TC-232 (P)	Comment
5	SSD-I 4(17257)	Education and learning services Vocabulary	ISO TC-232 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

6	SSD-I 3(17289)	Financial services International securities identification number ISIN	ISO TC-68 (P); ISO TC-222 (O):	Comment
7	SSD-I 3(17290)	Financial services Legal entity identifier LEI Part 1: Assignment	ISO TC-68 (P); ISO TC-222 (O):	Comment
8	SSD-I 3(17291)	Financial services Legal entity identifier LEI Part 2: Application in digital certificates	ISO TC-68 (P); ISO TC-222 (O):	Comment
9	SSD-I 2(17141)	Adventure tourism Leaders Personnel competence	ISO TC-228 (P)	Comment
10	SSD-II 1(17288)	Transportation of Over Dimensional Consignment by Road Guidelines		Comment
11	SSD-I 9(16039)	SIMULTANEOUS INTERPRETING PERMANENT BOOTHS REQUIREMENTS	ISO TC-312 (P); ISO TC-324 (P)	Comment
12	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
13	SSD-I 9(16059)	COLLABORATIVE BUSINESS RELATIONSHIP MANAGEMENT SYSTEMS- REQUIREMENTS AND FRAMEWORK	ISO TC-312 (P); ISO TC-324 (P)	Comment
14	SSD-I 2(17009)	Recreational diving services - Requirements and guidance on environmentally sustainable practices in recreational diving	ISO TC-228 (P)	Comment
15	SSD-I 2(17013)	Recreational diving services-Requirements for training on environmental awareness for recreational divers	ISO TC-228 (P)	Comment
16	SSD-I 2(17014)	Recreational diving services - Requirements for recreational diving providers	ISO TC-228 (P)	Comment
17	SSD-I 9(17145)	XLIFF XML Localisation interchange file format	ISO TC-312 (P); ISO TC-324 (P)	Comment

Annexure-1: Standards by BIS, ARAI and TSDSI

18	SSD-I 9(17147)	Translation projects - General guidance	ISO TC-312 (P); ISO TC-324 (P)	Comment
19	SSD-I 2(17141)	Adventure tourism Leaders Personnel competence	ISO TC-228 (P)	Comment
20	SSD-I 2(17743)	Tourism services Hotels and other types of tourism accommodation Vocabulary	ISO TC-228 (P)	Comment
21	SSD-I 3(17289)	Financial services international securities identification number ISIN	ISO TC-68 (P); ISO TC-222 (O):	Comment
22	SSD-I 3(17290)	Financial services Legal entity identifier LEI Part 1: Assignment	ISO TC-68 (P); ISO TC-222 (O):	Comment
23	SSD-I 3(17291)	Financial services Legal entity identifier LEI Part 2: Application in digital certificates	ISO TC-68 (P); ISO TC-222 (O):	Comment
24	SSD-II 1(17288)	Transportation of Over Dimensional Consignment by Road Guidelines		Comment
25	SSD-II 5(17747)	Healthcare organization management Requirements for patient-centred staffing		Comment
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/107/3/SSD-I				
https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetailcomm/402/3/SSD-II-1				

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.		Title
1	AIS-034 (Part 1) (Rev.2):2021/D2	Provisions concerning the Approval of Filament Light Sources for use in Approved Lamp of Power-driven Vehicles and their Trailers
2	AIS-034 (Part 2) (Rev. 2): 2021/D2	Provisions concerning the Approval of Gas-discharge Light Sources for use in Approved Lamps of Power-driven Vehicles
3	AIS-057 (Rev.2): 2021/D3	Provisions concerning the Approval of Retro-Reflecting Devices for Power Driven Vehicles and their Trailers
4	Draft AIS-009 (Rev 2): 2021/D3	Automotive Vehicles - Installation Requirements of Lighting and Light-signalling Devices for Two and Three Wheeled L Category Motor Vehicles, and E-Rickshaw/E-Cart vehicles, their Trailers and Semi-Trailers
5	Draft AIS-010 (Part 3) (Rev.2):2021/D3	Provisions concerning the Approval of Front Position Lamps, Rear Position Lamps, Stop Lamps, Direction Indicators, Rear- Registration Plate Illuminating Devices and Reversing Lamp for Two and Three Wheeled Vehicles of Category L and E-Rickshaw/E-Cart and their Trailers and Semi-trailers
6	Draft Amd 1 to AIS-135	Fire Detection and Alarm System (FDAS) & Fire Detection and Suppression Systems (FDSS) for Buses – Requirements
7	Draft AIS-166/DF/July 2021	Automotive Vehicles – Protective Devices for Two Wheeled Motor Vehicles – Requirements
https://araiindia.com/downloads		

Annexure-1: Standards by BIS, ARAI and TSDSI

ICT at TSDSI

"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	NIP 266	NIP for creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-NIP266-V1.1.0-20210617	Accepted
2	NIP 265	Service Delivery using 5G Broadcast for TV, Radio, IPTV and File-casting	TSDSI-SGSS-NIP265-V1.0.1-20210604	Accepted
3	NIP 260	Use Cases and Trials – 5Gi for Automotive	TSDSI-SGSS-NIP260-V2.0.0-20210602	Accepted
4	NIP 264	Study of existing ITU/IEEE standards on VLC/LiFi and gap analysis. Identification of Use cases from International and Indian Context	TSDSI-SGN-NIP264-V1.1.0-20210602	Accepted
5	NIP 250	Bandwidth aggregation for 5G TV Broadcast from the co-located UEs: A physical layer prospective with FeMBMS and downlink broadcast control channel	TSDSI-SGN-NIP250-V1.1.0-20210602	Accepted
6	NIP 266	NIP for creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-NIP266-V1.0.0-20210527	Accepted
7	NIP 265	5G Broadcast for TV, Radio, IPTV and File-casting	TSDSI-SGSS-NIP265-V1.0.0-20210526	Accepted
8	NIP 253	UAV Assisted C-RAN for 5G and Beyond	TSDSI-SGN-NIP253-V2.1.0-20210524	Accepted
9	NIP 264	VLC/LiFi	TSDSI-SGN-NIP264-V1.0.0-20210520	Accepted
10	NIP 263	Open Radio initiative : Towards a Open, Disaggregated RAN	TSDSI-SGN-NIP263-V1.0.0-20210513	Accepted
11	NIP 258	Characterization of E-band for 4G/5G Backhaul & Rural Broadband	TSDSI-SGN-NIP258-V2.0.0-20210325	Accepted
12	NIP 261	Technical Report for User Device Data Protection	TSDSI-SGSS-NIP261-V5.0.0-20210315	Accepted

Annexure-1: Standards by BIS, ARAI and TSDSI

13	NIP 261	Technical Report for User Device Data Protection	TSDSI-SGSS-NIP261-V4.0.0-20210315	Accepted
14	NIP 264	Study of existing ITU/IEEE standards on VLC/LiFi and gap analysis. Identification of Use cases from International and Indian Context	TSDSI-SGN-NIP264-V1.2.0-20210716	Accepted
15	NIP 260	Use Cases and Trials – 5Gi for Automotive	TSDSI-SGSS-NIP260-V2.1.0-20210629	Accepted
16	NIP 261	Technical Report for User Device Data Protection	TSDSI-SGSS-NIP261-V5.1.0-20210623	Accepted
17	NIP 266	NIP for creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-NIP266-V1.1.0-20210617	Accepted

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

“List of Study Item status update”

S. No.	Study Item	Name	Version	Status
1	SI89	VLC/LiFi	TSDSI-SGN-SI89-V1.0.0-20210531	Initiated
2	SI91	Service Delivery using 5G Broadcast for TV, Radio, IPTV and File-casting	TSDSI-SGSS-SI91-V1.0.0-20210623	Initiated
3	SI90	Creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-SI90-V1.0.0-20210623	Initiated

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

“List of SWIP Status Update”

S. No.	SWIP	Name	Version	Status
1	SWIC720	Specification updates for 5Gi Rel. 16	TSDSI-SGN-SWIC720-V1.0.0-20210517	Accepted
2	SWIC721	Characterization of E-band Transmission in India	TSDSI-SGN-SWIC721-V1.0.0-20210517	Accepted
3	SWIC722	Open disaggregated RAN	TSDSI-SGN-SWIC722-V1.0.0-20210521	Accepted
4	SWIC723	Key issues for NIP226(5G Extensions for Broadcast Offload)	TSDSI-SGN-SWIC723-V1.0.0-20210522	Accepted
5	SWIC720	Specification updates for 5Gi Rel. 16	TSDSI-SGN-SWIC722-V1.0.1-20210523	Accepted
6	SWIC719	Dynamic Joint Deployment of SDN Controllers and Hypervisors for Softwarized 5G and Beyond	TSDSI-SGN-SWIC719-V1.0.1-20210523	Accepted
7	SWIC724	Status Report – SI70	TSDSI-SGN-SWIC724-V1.0.0-20210523	Accepted

Annexure-1: Standards by BIS, ARAI and TSDSI

8	SWIC725	TR update: SI70	TSDSI-SGN-SWIC725-V1.0.0-20210523	Accepted
9	SWIC726	Draft TR UAV Assisted C-RAN for 5G and Beyond	TSDSI-SGN-SWIC726-V1.0.0-20210524	Accepted
10	SWIC727	UDPP – Smartphone User Data & Privacy Protection	TSDSI-SGSS-SWIC727-V1.0.0-20210602	Accepted
11	SWIC728	Study of Post-Quantum-Cryptography for 5G Networks	TSDSI-SGSS-SWIC728-V1.0.0-20210602	Accepted
12	SWIC729	PPDR (SI 86): Study of technical aspects for deployment of a pan-India Broadband PPDR network based on PS-LTE and 5G technology	TSDSI-SGSS-SWIC729-V1.0.0-20210602	Accepted
13	SWIC730	Common user profile to promote accessibility in audio visual media	TSDSI-SGSS-SWIC730-V1.0.0-20210602	Accepted
14	SWIC731	ILFTA	TSDSI-SGSS-SWIC731-V1.0.0-20210603	Accepted
15	SWIC732	Rural Broadband Services & Architecture	TSDSI-SGSS-SWIC732-V1.0.0-20210603	Accepted
16	SWIC733	KYMC	TSDSI-SGSS-SWIC733-V1.0.0-20210604	Accepted
17	SWIC727	UDPP – Smartphone User Data & Privacy Protection	TSDSI-SGSS-SWIC727-V1.1.0-20210608	Accepted
23	SWIP714	UAV Assisted C-RAN for 5G and Beyond	TSDSI-SGN-SWIP714-V1.0.0-20210331	Accepted
24	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
25	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](#)