

## Annexure-1: Standards by BIS, ARAI, RDSO, TSDSI and TEC

### 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:

Electrical & Electronics at Bureau of Indian Standards (BIS)				
Electrotechnical (ETD)				
Sl No	Document No	Title of the Doc	IEC/ISO	Last Date for Comments
1	<a href="#">ETD 7(19612)</a>	LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR PART 1 GENERAL RULES	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
2	<a href="#">ETD 7(19617)</a>	Low - Voltage switchgear and controlgear: Part 2 circuit - Breakers (First Revision) Amendment – 1	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
3	<a href="#">ETD 7(19618)</a>	Low-Voltage Switchgear and Controlgear: Part 3 Switches Disconnectors Switch-Disconnectors and Fuse-Combination Units	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
4	<a href="#">ETD 7(19619)</a>	Low-Voltage switchgear and controlgear : Part 4-1 Contactors and motor starters electromechanical contactors and motor-Starters	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
5	<a href="#">ETD 7(19620)</a>	Low-Voltage switchgear and Controlgear: Part 4-2 Contactors and Motorstarters semiconductor motor controllers starters and Soft starters	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
6	<a href="#">ETD 7(19621)</a>	Low-Voltage Switchgear And Controlgear: Part 4-3 Contactors And Motor-Starters Semiconductor Controllers And Semiconductor Contactors For Non-Motor Loads	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
7	<a href="#">ETD 7(19622)</a>	Low-Voltage Switchgear And Control Gear : Part 5-1 Control Circuit Devices And Switching Elements Electromechanical Control Circuit Devices	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022

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8	<a href="#">ETD 7(19623)</a>	Low-Voltage Switchgear And Controlgear: Part 5-2 Control Circuit Devices And Switching Elements Proximity Switches	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)	6/22/2022
9	<a href="#">ETD 9(19637)</a>	Conductors for insulated electric cables and flexible cords - Specification (Second Revision) Amendment – 1	IEC TC-20 (P)	6/23/2022
10	<a href="#">ETD 12(19502)</a>	SPECIFICATION FOR DC MOVING COIL GALVANOMETERS	IEC TC-85 (O)	6/10/2022
11	<a href="#">ETD 12(19503)</a>	SPECIFICATION FOR VIBRATION GALVANOMETERS First Revision	IEC TC-85 (O)	6/11/2022
12	<a href="#">ETD 12(19507)</a>	SPECIFICATION FOR PLUGS AND KEYS FOR RESISTANCE BOXES	IEC TC-85 (O)	6/11/2022
13	<a href="#">ETD 12(19515)</a>	SPECIFICATION FOR TANGENT GALVANOMETERS First Revision	IEC TC-85 (O)	6/11/2022
14	<a href="#">ETD 12(19522)</a>	SPECIFICATION FOR RHEOSTATS	IEC TC-85 (O)	6/11/2022
15	<a href="#">ETD 12(19523)</a>	SPECIFICATION FOR BRIDGE INSULATIONS TESTERS MAGNETO GENERATOR TYPE	IEC TC-85 (O)	6/11/2022
16	<a href="#">ETD 12(19524)</a>	SPECIFICATION FOR BALLISTIC GALVANOMETERS First Revision	IEC TC-85 (O)	6/11/2022
17	<a href="#">ETD 35(19388)</a>	Electromechanical elementary relays - Part 10: Additional functional aspects and safety requirements for high-capacity relays	IEC TC- (O); IEC TC- (P)	6/26/2022
18	<a href="#">ETD 35(19389)</a>	Measuring relays and protection equipment - Part 187-1: Functional requirements for differential protection - Restrained and unrestrained differential protection of motors generators and transformers	IEC TC- (O); IEC TC- (P)	6/26/2022
19	<a href="#">ETD 16 (19302)</a>	POWER TRANSFORMERS PART 4: GUIDE TO THE LIGHTNING IMPULSE AND SWITCHING IMPULSE TESTING POWER TRANSFORMERS AND REACTORS	IEC TC- 14 (P); IEC TC- 96 (P)	5/7/2022
20	<a href="#">ETD 16 (19303)</a>	GUIDE FOR THE APPLICATION SPECIFICATION AND TESTING OF PHASE-SHIFTING TRANSFORMERS	IEC TC- 14 (P); IEC TC- 96 (P)	5/7/2022
21	<a href="#">ETD 16 (19305)</a>	POWER TRANSFORMERS PART 57-129: TRANSFORMERS FOR HVDC APPLICATIONS	IEC TC- 14 (P); IEC TC- 96 (P)	5/7/2022

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22	<a href="#">ETD 16 (19308)</a>	Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers	IEC TC- 14 (P); IEC TC- 96 (P)	5/7/2022
23	<a href="#">ETD 35 (16435)</a>	Electromechanical elementary relays - Part 4: General and safety requirements for reed relays	IEC TC- (O); IEC TC- (P)	5/16/2022
24	<a href="#">ETD 35(19388)</a>	Electromechanical elementary relays - Part 10: Additional functional aspects and safety requirements for high-capacity relays	IEC TC- (O); IEC TC- (P)	6/26/2022
25	<a href="#">ETD 35(19389)</a>	Measuring relays and protection equipment - Part 187-1: Functional requirements for differential protection - Restrained and unrestrained differential protection of motors generators and transformers	IEC TC- (O); IEC TC- (P)	6/26/2022
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD</a>				

### ICT/LITD

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

<b>Electronics and Information Technology Department (LITD)</b>				
SI No	Document No	Title of the Doc	IEC/ISO	Last Date for Comments
1	<a href="#">LITD 1 (19286)</a>	Environmental testing Part 2: Tests Section 55 Test Ee and guidance Loose cargo testing including bounce	IEC TC- 89 SC- (O); IEC TC-104 (P)	6/6/2022
2	<a href="#">LITD 1 (19289)</a>	Environmental testing Part 2: Tests Section 14: Test N: Change of temperature	IEC TC- 89 SC- (O); IEC TC-104 (P)	6/6/2022
3	<a href="#">LITD 3(18177)</a>	Connectors for Electronic Equipment Tests and Measurements Part 1: General examination Section 1: Test 1a: Visual examination	IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O); IEC TC-48 (O)	6/3/2022
4	<a href="#">LITD 3(18179)</a>	Connectors for Electronic Equipment Tests and Measurements Part 1: General Examination Section 2: Test 1b: Examination of Dimension and Mass	IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O); IEC TC-48 (O)	6/3/2022

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5	<a href="#">LITD 10(19281)</a>	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 Smart Energy (P)	6/5/2022
6	<a href="#">LITD 10(19282)</a>	Telecontrol equipment and systems Part 2: Operating conditions -Section 1: Power supply and electromagnetic compatibility	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	6/5/2022
7	<a href="#">LITD 10(19283)</a>	Teleprotection equipment of power systems Performance and testing Part 1: Command systems First Revision	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	6/11/2022
8	<a href="#">LITD 10(19283)</a>	Teleprotection equipment of power systems Performance and testing Part 1: Command systems First Revision	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	6/11/2022
9	<a href="#">LITD 7(18749)</a>	Multimedia systems Guide to the recommended characteristics of analogue interfaces to achieve interoperability Second revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
10	<a href="#">LITD 7(19228)</a>	Digital Audio Interface Part 1: General Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
11	<a href="#">LITD 7(19229)</a>	Electroacoustics - Sound calibrators Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
12	<a href="#">LITD 7(19230)</a>	Electroacoustics Sound level meters Part 2: Pattern evaluation tests Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
13	<a href="#">LITD 7(19231)</a>	Interoperability specifications of common external power supplies EPS for use with data-enabled mobile telephones First Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
14	<a href="#">LITD 7(19232)</a>	Sound system equipment Part 3: Amplifiers Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022

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15	<a href="#">LITD 7(19233)</a>	Sound system equipment - Part 4: Microphones First Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
16	<a href="#">LITD 2(19539)</a>	Guidance on human aspects of dependability Superseding IS 11743:1986	IEC TC- 56 (P)	7/12/2022
17	<a href="#">LITD 12(19361)</a>	Electrotechnical Vocabulary – Part 87: Radio communications: transmitters, receivers, networks and operation Amendment – 1	IEC TC- 103 (O)	6/27/2022
18	<a href="#">LITD 12(19362)</a>	Electrotechnical Vocabulary Part 88 Space Radio Communications Amendment - 1	IEC TC- 103 (O)	6/27/2022
19	<a href="#">LITD 12(19363)</a>	Electrotechnical Vocabulary – Part 712: Antennas Amendment - 1	IEC TC- 103 (O)	6/27/2022
20	<a href="#">LITD 19(19311)</a>	Information technology for learning education and training - Nomadicity and mobile technologies	ISO/IEC/JTC1 TC- 36 SC- 36 (P)	7/12/2022
21	<a href="#">LITD 4(18860)</a>	Electro technical Vocabulary : Electronic tubes	IEC TC- 110 (P)	5/31/2022
22	<a href="#">LITD 4(18878)</a>	Measurement of the electrical properties of microwave tubes Part 1: Terminology	IEC TC- 110 (P)	5/31/2022
23	<a href="#">LITD 1 (19286)</a>	Environmental testing Part 2: Tests Section 55 Test Ee and guidance Loose cargo testing including bounce	IEC TC- 89 SC- (O); IEC TC-104 (P)	6/6/2022
24	<a href="#">LITD 1 (19289)</a>	Environmental testing Part 2: Tests Section 14: Test N: Change of temperature	IEC TC- 89 SC- (O); IEC TC-104 (P)	6/6/2022
25	<a href="#">LITD 3(18177)</a>	Connectors for Electronic Equipment Tests and Measurements Part 1: General examination Section 1: Test 1a: Visual examination	IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O); IEC TC-48 (O)	6/3/2022
26	<a href="#">LITD 3(18179)</a>	Connectors for Electronic Equipment Tests and Measurements Part 1: General Examination Section 2: Test 1b: Examination of Dimension and Mass	IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O); IEC TC-48 (O)	6/3/2022
27	<a href="#">LITD 10(19002)</a>	Power line communication systems for power utility applications Part 1: Planning of analogue and digital power line carrier systems operating over EHVHVMV electricity grids	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	5/4/2022
28	<a href="#">LITD 10(19003)</a>	Power line communication systems for power utility applications Part 2: Analogue power line carrier terminals or APLC	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	5/4/2022

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29	<a href="#">LITD 10(19006)</a>	Power line communication systems for power utility applications Part 3: Digital Power Line Carrier DPLC Terminals and hybrid ADPLC Terminals	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	5/4/2022
30	<a href="#">LITD 10(19281)</a>	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 Smart Energy (P)	6/5/2022
31	<a href="#">LITD 10(19282)</a>	Telecontrol equipment and systems Part 2: Operating conditions -Section 1: Power supply and electromagnetic compatibility	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	6/5/2022
32	<a href="#">LITD 10(19283)</a>	Teleprotection equipment of power systems Performance and testing Part 1: Command systems First Revision	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC Smart Energy (P)	6/11/2022
33	<a href="#">LITD 7(18749)</a>	Multimedia systems Guide to the recommended characteristics of analogue interfaces to achieve interoperability Second revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
34	<a href="#">LITD 7(19228)</a>	Digital Audio Interface Part 1: General Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
35	<a href="#">LITD 7(19229)</a>	Electroacoustics - Sound calibrators Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
36	<a href="#">LITD 7(19230)</a>	Electroacoustics Sound level meters Part 2: Pattern evaluation tests Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
37	<a href="#">LITD 7(19231)</a>	Interoperability specifications of common external power supplies EPS for use with data-enabled mobile telephones First Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
38	<a href="#">LITD 7(19232)</a>	Sound system equipment Part 3: Amplifiers Second Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022

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39	<a href="#">LITD 7(19233)</a>	Sound system equipment - Part 4: Microphones First Revision	ISO TC-43 SC-1 (O); IEC TC-29 (P); IEC TC-108 (P); IEC TC-100 (P)	6/5/2022
40	<a href="#">LITD 20 (19019)</a>	Coding of machine - Readable characters MICR And OCR for information processing	ISO/IEC/JTC1 TC- 2 SC- 2 (P)	5/13/2022
41	<a href="#">LITD 24 (17813)</a>	Ferrite cores Guidelines on dimensions and the limits of surface irregularities Part 1: General specification	IEC TC- 49 (P); ISO TC- 51 (P)	5/29/2022
42	<a href="#">LITD 15(18262)</a>	Information technology Digital publishing EPUB 3.0.1 Part 6: Canonical fragment identifiers	ISO/IEC/JTC1 TC- 22 SC- 22 (O); ISO/IEC/JTC1 TC- 32 SC- 32 (P); ISO/IEC/JTC1 TC- 34 SC- 34 (P)	6/3/2022
43	<a href="#">LITD 15(18263)</a>	Information technology Digital publishing EPUB 3.0.1 Part 5: Media overlays	ISO/IEC/JTC1 TC- 22 SC- 22 (O); ISO/IEC/JTC1 TC- 32 SC- 32 (P); ISO/IEC/JTC1 TC- 34 SC- 34 (P)	6/3/2022
44	<a href="#">LITD 15(18264)</a>	Information technology Digital publishing EPUB 3.0.1 Part 4: Open container format	ISO/IEC/JTC1 TC- 22 SC- 22 (O); ISO/IEC/JTC1 TC- 32 SC- 32 (P); ISO/IEC/JTC1 TC- 34 SC- 34 (P)	6/3/2022
45	<a href="#">LITD 15(18265)</a>	Information technology Digital publishing EPUB 3.0.1 Part 3: Content documents	ISO/IEC/JTC1 TC- 22 SC- 22 (O); ISO/IEC/JTC1 TC- 32 SC- 32 (P); ISO/IEC/JTC1 TC- 34 SC- 34 (P)	6/3/2022
46	<a href="#">LITD 15(18818)</a>	Information technology Digital publishing EPUB 3.0.1 Part 1: Overview	ISO/IEC/JTC1 TC- 22 SC- 22 (O); ISO/IEC/JTC1 TC- 32 SC- 32 (P); ISO/IEC/JTC1 TC- 34 SC- 34 (P)	6/3/2022
47	<a href="#">LITD 17(19027)</a>	Cybersecurity Supplier relationships Part 1: Overview and concepts First Revision	ISO/IEC TC-JTC 1 SC- 27 (P); ISO/IEC/JTC1 TC-WG SC- 13 (P)	5/20/2022
48	<a href="#">LITD 17(19028)</a>	Information technology -Electronic discovery Part 4: Technical readiness	ISO/IEC TC-JTC 1 SC- 27 (P); ISO/IEC/JTC1 TC-WG SC- 13 (P)	5/20/2022

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49	<a href="#">LITD 17(19029)</a>	Information security Encryption algorithms Part 1: General First Revision	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/20/2022
50	<a href="#">LITD 17 (19031)</a>	Information Technology-Security Techniques - Encryption Algorithms Part 3 Block Ciphers Amendment - 1	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/20/2022
51	<a href="#">LITD 17(19039)</a>	Information security Key management Part 7: Cross-domain password-based authenticated key exchange	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/31/2022
52	<a href="#">LITD 17(19040)</a>	Information security Time- stamping services Part 2: Mechanisms producing independent tokens	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/29/2022
53	<a href="#">LITD 17(19042)</a>	Information security Key management Part 3: Mechanisms using asymmetric techniques Second Revision	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/29/2022
54	<a href="#">LITD 17(19171)</a>	Information security cybersecurity and privacy protection Biometric information protection	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	5/29/2022

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### 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](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:

<b>At Bureau of Indian Standards (BIS)</b>
<b>Services</b>



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S.No.	Document No	Title of the Doc	IEC/ISO	Last date for Comments
1	<a href="#">SSD-II 10(18944)</a>	Information Technology Cloud Computing Taxonomy Based Data Handling for Cloud Services	—	6/7/2022
2	<a href="#">SSD-II 10(18945)</a>	Information Technology Cloud computing Edge computing landscape	—	6/7/2022
3	<a href="#">SSD-II 10(18946)</a>	Information Technology Cloud Computing Common Technologies and Techniques	—	6/7/2022
4	<a href="#">SSD-I 3(19279)</a>	Financial services- Official organizational roles- Scheme for official organizational roles	ISO TC-68 (P); ISO TC-222 (O)	6/4/2022
5	<a href="#">SSD-I 3(19280)</a>	Banking Banking telecommunication messages Business identifier code BIC Second Revision	ISO TC-68 (P); ISO TC-222 (O)	6/4/2022
6	<a href="#">SSD-I 13(18583)</a>	Media and Entertainment – Event Management Services– Vocabulary and Categorization of Events and Venues	ISO TC-68 (P); ISO TC-222 (O)	6/24/2022
7	<a href="#">SSD-I 2(19575)</a>	Tourism and related services - Sustainability management system for accommodation establishments - Requirements	ISO TC-228 (P)	7/22/2022
8	<a href="#">SSD-I 2(19628)</a>	Tourism and related services - Traditional restaurants - Visual aspects, decoration and services	ISO TC-228 (P)	7/24/2022
9	<a href="#">SSD-II 10(18944)</a>	Information Technology Cloud Computing Taxonomy Based Data Handling for Cloud Services	—	6/7/2022
10	<a href="#">SSD-II 10(18945)</a>	Information Technology Cloud computing Edge computing landscape	—	6/7/2022
11	<a href="#">SSD-II 10(18946)</a>	Information Technology Cloud Computing Common Technologies and Techniques	—	6/7/2022
12	<a href="#">SSD-I 3(19279)</a>	Financial services- Official organizational roles- Scheme for official organizational roles	ISO TC-68 (P); ISO TC-222 (O)	6/4/2022
13	<a href="#">SSD-I 3(19280)</a>	Banking Banking telecommunication messages Business identifier code BIC Second Revision	ISO TC-68 (P); ISO TC-222 (O)	6/4/2022
14	<a href="#">SSD-I 13(18583)</a>	Media and Entertainment – Event Management Services– Vocabulary and Categorization of Events and Venues	ISO TC-68 (P); ISO TC-222 (O)	6/24/2022

[https://www.services.bis.gov.in:8071/php/BIS\\_2.0/dgdashboard/draft/darftdetail/108/3/SSD-II](https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/108/3/SSD-II)

[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/darftdetail/107/3/SSD-I)

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### Mobility/Transport (TED)

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

<b>Mobility at Bureau of Indian Standards (BIS)</b>				
<b>Transport Engineering Department (TED)</b>				
S. No.	Document No	Title of the Doc	IEC/ISO	Last date for Comments
1	<a href="#">TED 6(19526)</a>	AUTOMOTIVE VEHICLES FUEL TANKS FOR TWO WHEELERS THREE WHEELERS AND QUADRICYCLES Amendment - 1	ISO TC- 22 (P); ISO TC- 11 SC- 11 (P); ISO TC- 15 SC- 15 (O); ISO TC- 35 SC- 35 (P); ISO TC- 40 SC- 40 (O); ISO TC- 227 (P)	7/23/2022
2	<a href="#">TED 7(19591)</a>	TYRES ELECTRICAL RESISTANCE TEST METHOD FOR MEASURING ELECTRICAL RESISTANCE OF TYRES ON A TEST RIG	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)	7/18/2022
3	<a href="#">TED 7(19592)</a>	TUBELESS TYRES VALVES AND COMPONENTS PART 1: TEST METHODS	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)	7/18/2022

## Annexure-1: Standards by BIS, ARAI, RDSO, TSDSI and TEC

4	<a href="#">TED 7(19593)</a>	TPMS SNAP-IN VALVES PART 1: IDENTIFICATION	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)	7/18/2022
5	<a href="#">TED 7(19594)</a>	TPMS SNAP-IN VALVES PART 2: VALVE ENVIRONMENT	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)	7/23/2022
6	<a href="#">TED 7(19596)</a>	TPMS SNAP-IN VALVES PART 3: PERFORMANCES	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)	7/18/2022
7	<a href="#">TED 2(16879)</a>	Automotive power - Performance requirements Measurement of power sfc opacity of positive and compression ignition engine - Method of test	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)	5/20/2022
8	<a href="#">TED 27(18135)</a>	Electric Power Train Vehicles Part 2 Method of Measuring the Range Amendment – 1	ISO TC-22 (P); ISO TC-22 SC-37 (O); IEC TC-69 (O)	5/1/2022
9	<a href="#">TED 27(18136)</a>	Electric Power Train Vehicles Part 3 Measurement of Net Power and the Maximum 30 Minute Power Amendment – 1	ISO TC-22 (P); ISO TC-22 SC-37 (O); IEC TC-69 (O)	5/1/2022
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED</a>				

## Annexure-1: Standards by BIS, ARAI, RDSO, TSDSI and TEC

### 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:

Mobility at Automotive Research Association of India (ARAI)			
S. No.	Code	Title	Last Date for Comments
1	<a href="#">Revised Draft Amd 6 to AIS-137 (Part 3)</a>	Test Method, Testing Equipment and Related Procedures for Type Approval and Conformity of Production (COP) Testing of M and N Category Vehicles having GVW not exceeding 3500 kg for Bharat Stage VI (BS VI) Emission Norms as per CMV Rules 115, 116 and 126	5/17/2022
2	<a href="#">Draft D1/AIS-191</a>	Uniform provisions concerning the approval of vehicles with regards to Automated Lane Keeping System (ALKS) (Last date for comments: 10th June 2022)	6/10/2022
3	<a href="#">Draft AIS-194/DF May 2022</a>	Specific Exemptions for Armoured Vehicles from the notified provisions under the Central Motors Vehicles Rules, 1989	—
4	<a href="#">Draft AIS-181/D2/ May 2022</a>	Approval of Tank Vehicles with regard to Rollover Stability	6/16/2022
5	<a href="#">Draft AIS 193/D1/May/2022</a>	Automotive Vehicles — Steering effort — method of evaluation	6/17/2022
6	<a href="#">Draft Amd 2 to AIS-160</a>	Safety requirements for construction equipment vehicles	5/31/2022
7	<a href="#">Draft AIS-180/D2/ May 2022</a>	Specific Requirements for Motor Vehicles intended for the carriage of Dangerous and Hazardous Goods with regard to their Constructional Features	6/19/2022
8	<a href="#">Draft AIS-185/D1/April 2022</a>	Approval of vehicles with regard to the Advanced Emergency Braking System (AEBS) for M1 and N1 vehicles	5/4/2022
9	<a href="#">Draft AIS-182/D1/April 2022</a>	Approval of vehicles with regard to ISOFIX anchorage systems ISOFIX top tether anchorages and i-Size seating positions	5/5/2022
10	<a href="#">Draft AIS-188/D1/April 2022</a>	Approval of vehicles with regards to Lane Departure Warning System (LDWS)	5/6/2022
11	<a href="#">Draft AIS-192/D1/April 2022</a>	Uniform provisions concerning the approval of vehicles with regards to Event Data Recorder (EDR)	5/6/2022

<https://www.araiindia.com/downloads>

### At Research Designs & Standards Organization (RDSO)

## Annexure-1: Standards by BIS, ARAI, RDSO, TSDSI and TEC

The following Draft Indian Specifications/Drawings were issued by Research Designs & Standards Organization (RDSO) during the last quarter for eliciting technical comment:

<b>Mobility at RDSO</b>			
SI No.	Specification/STR No.	Description	Last Date of Receipt of Comments
1	<a href="#">BS-S-4.2.3 – 2 Version 4.3</a>	SCHEDULE OF TECHNICAL REQUIREMENTS FOR FABRICATION OF STEEL GIRDERS	20.06.2022
2	<a href="#">Final draft specification no. TI/SPC/PSI/PROTCT/6072</a>	Technical Specification for Control and Relay Panel Including Numerical Type Relays for Traction Transformer, OHE, 25 kV Shunt Capacitor Bank and Transmission Line protection for 25 kV AC TSS on Indian Railways	07.06.2022
3	<a href="#">Modification Sheet no. RDSO/PE/MS/AC/0086-(Rev-0)-2022</a>	Modification sheet for standardization of location of NTC sensors, OHP and ESTI (Fusible link) in LHB RMPU for EOG/HOG AC Coaches	03.06.2022
4	<a href="#">RDSO/2017/CG-01 (Rev.-02)</a>	Hot Coiled Cylindrical Springs for use in suspension of I.R. coaches having FIAT Design Bogies	07.06.2022
5	<a href="#">Final Draft Standard No. RDSO-WD/0001:2022</a>	Indian Railway standard for Lockbolt & Collar (for Railway Transportation Sector in India) (first issue)	06.06.2022
6	<a href="#">RDSO/2010/EL/STR/0044, Rev.'2'</a>	DRAFT SCHEDULE OF TECHNICAL REQUIREMENT (STR) FOR MANUFACTURE & SUPPLY OF 2x130 KVA STATIC CONVERTER FOR CONVENTIONAL LOCOMOTIVES	5/18/2022
7	<a href="#">TI/STR/014 Revision 04</a>	Schedule of Technical Requirements for approval of vendors for supply of Traction Power Transformer and Autotransformer	5/7/2022
8	<a href="#">M&amp;C/PCN/054/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructure. Manufacturing, testing facilities & quality control requirements for Enamel, Interior a) Under Coating and b) Finishing with Fire Retardant Properties	5/11/2022
9	<a href="#">M&amp;C/PCN/053/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructural, manufacturing, testing facilities & quality control requirements for R/M paint synthetic for the system of interior painting of coaches	5/11/2022
10	<a href="#">M&amp;C/PCN/051/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructural, manufacturing, testing facilities & quality control requirements for R/M paint, Red-oxide (ISC:446), Brushing, Finishing, Glossy for general purpose	5/11/2022

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11	<a href="#">M&amp;C/PCN/050/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructural, manufacturing, testing facilities & quality control requirements for R/M paint synthetic for the system of exterior painting of coaches	5/11/2022
12	<a href="#">M&amp;C/PCN/043/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructure, manufacturing, testing facilities & quality control requirements of epoxy banded anticorrosion coating (two packs) for painting of coaches, bridges, & wagons as per RDSO spec. no. M&C/PCN/123/218	5/11/2022
13	<a href="#">M&amp;C/PCN/041/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructure, manufacturing, testing facilities & quality control requirements for exterior painting of wagons	5/11/2022
14	<a href="#">M&amp;C/PCN/040/2020 Rev.-2.0</a>	Schedule of technical requirements for infrastructure, manufacturing, testing facilities & quality control requirements for paints based on epoxy and polyurethane resin for painting of coaches, diesel and electric locomotives	5/11/2022
15	<a href="#">WD-38- MISC-2004 (Rev.-2)</a>	Specification For Polyurethane Side Bearers For Use In Freight Stock.	5/17/2022
<a href="https://rdso.indianrailways.gov.in/view_section.jsp?lang=0&amp;id=0,4">https://rdso.indianrailways.gov.in/view_section.jsp?lang=0&amp;id=0,4</a>			

### ICT at TSDSI

"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	<a href="#">NIP 279</a>	A database of icons and terms in Indian languages for financial transactions	TSDSI-SGSS-NIP278-V1.0.0-20220329	Accepted
2	<a href="#">NIP 278</a>	National Language Preference Repository for Indian Mobile Users	TSDSI-SGSS-NIP278-V2.0.0-20220330	Accepted
3	<a href="#">NIP 278</a>	National Language Preference Repository for Indian Mobile Users	TSDSI-SGSS-NIP278-V1.0.0-20220329	Accepted
4	<a href="#">NIP 272</a>	Feasibility of Open-Source for 5G-Applications: RAN Intelligent Controller	TSDSI-SGSS-NIP272-V4.0.0-20220329	Accepted
5	<a href="#">NIP 272</a>	Feasibility of Open-Source for 5G-Applications: RAN Intelligent Controller	TSDSI-SGSS-NIP272-V3.0.0-20220327	Accepted

## Annexure-1: Standards by BIS, ARAI, RDSO, TSDSI and TEC

<a href="#">For complete details of the NIP please click here</a>				
<b>“List of Study Item status update”</b>				
S. No.	Study Item	Name	Version	Status
<b>No major updates</b>				
<a href="#">For complete details of the Study Items please click here</a>				
<b>“List of SWIP Status Update”</b>				
S. No.	SWIP	Name	Version	Status
1	<a href="#">SWIC784</a>	TR on Study on Edge Intelligence standards for haptics related IIoT use cases	TSDSI-SGSS-SWIC784-V1.0.0-20220327	Accepted
2	<a href="#">SWIC785</a>	Need for PQC in 5G networks	TSDSI-SGSS-SWIC785-V1.0.0-20220327	Accepted
3	<a href="#">SWIC786</a>	KYC norms for machine & custodian verification (SI 77)	TSDSI-SGSS-SWIC786-V1.0.0-20220328	Accepted
4	<a href="#">SWIC787</a>	Rural Broadband Services & Architecture	TSDSI-SGSS-SWIC787-V1.0.0-20220328	Accepted
5	<a href="#">SWIC787</a>	Rural Broadband Services & Architecture	TSDSI-SGSS-SWIC787-V2.0.0-20220329	Accepted
<a href="https://tsdsi.in/study-work-items-proposals/16/">https://tsdsi.in/study-work-items-proposals/16/</a>				

### ICT at TEC

<b>M2M/IoT</b>				
SI No	Standard/ER No	Name of standard /ER	Standard type	Date of Issue
<b>No updates</b>				
<b>3GPP</b>				
SI No	Standard No	Name of standard	Standard type	Date of Issue
<b>No updates</b>				
<b>Security</b>				
SI No	Standard No	Name of standard	Standard type	Date of Issue
<b>No updates</b>				
<b>Engineering Efficiency</b>				
SI No	Standard No	Name of standard	Standard type	Date of Issue
<b>No updates</b>				
<a href="https://www.tec.gov.in/essential-requirements">https://www.tec.gov.in/essential-requirements</a>				
<a href="https://www.tec.gov.in/standards-specifications">https://www.tec.gov.in/standards-specifications</a>				