

Annexure 1

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:

At Bureau of Indian Standards (BIS)			
Electrotechnical (ETD)			
Sl No	Document No	Title of the Doc	IEC/ISO
1	ETD 11 (15802)	Secondary cells and batteries for solar photovoltaic application - General requirements and methods of test	IEC TC-21 (O); IEC TC- SC-21A (P)
2	ETD 32 (15971)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 2 Vacuum Cleaners And Water-Suction Cleaning Appliances	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)
3	ETD 32 (15972)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 4 Spin Extractors	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)
4	ETD 32 (15973)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 6 Cooking Ranges Hobs Ovens and Similar Appliances	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)
5	ETD 32 (15974)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 7: Domestic Electric Clothes Washing Machines	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)

6	ETD 32 (15975)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 15 Appliances for Heating Liquids	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)
7	ETD 32 (16013)	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES PART 2 PARTICULAR REQUIREMENTS SECTION 9 PARTICULAR REQUIREMENTS FOR GRILLS TOASTERS AND SIMILAR PORTABLE COOKING APPLIANCES	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)
8	ETD 40 (16343)	Voltage sourced converter (Vsc) valves for high - Voltage direct current (Hvdc) power transmission - Electrical testing Amendment – 1	IEC TC- 22F SC- 22F (P)
9	ETD 40 (16345)	High Voltage Direct Current (HVDC) Substation Audible Noise Amendment – 1	IEC TC- 22F SC- 22F (P)
10	ETD 49 (13149)	Luminaires Part 5 Particular Requirements Section 6 Handlamps Amendment - 1	--
11	ETD 9 (14611)	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1 100 V Amendment - 6	IEC TC-20 (P)
12	ETD 39 (15631)	Tutorial and application guide for high-voltage fuses	IEC TC-32 SC- 32 A,32 B (P)
13	ETD 11 (15802)	Secondary cells and batteries for solar photovoltaic application - General requirements and methods of test	IEC TC-21 (O); IEC TC- SC-21A (P)
14	ETD 40 (16343)	Voltage sourced converter (Vsc) valves for high - Voltage direct current (Hvdc) power transmission - Electrical testing Amendment – 1	IEC TC- 22F SC- 22F (P)
15	ETD 40 (16345)	High Voltage Direct Current (HVDC) Substation Audible Noise Amendment – 1	IEC TC- 22F SC- 22F (P)

16	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)
17	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)
18	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)
19	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)
20	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)
21	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)
22	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)

23	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)
24	ETD 28 (16469)	Photovoltaic Devices " Measurement Procedures for Materials Used in Photovoltaic Modules Part 1 Encapsulants Section 5 Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions Amendment	IEC TC-82 (P)
25	ETD 19 (16477)	Insulation Coordination Part 1: Definition Principles And Rules First Revision	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
26	ETD 19 (16478)	Insulation Coordination Part 2: Application Guide	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
27	ETD 35 (16481)	Electromechanical elementary relays: Part 1 general and safety requirements Amendment – 1	IEC TC- (O); IEC TC- (P)
28	ETD 9 (16509)	Elastomer insulated cables with limited circuit integrity when affected by fire - Specification Amendment – 1	IEC TC-20 (P)
29	ETD 15 (15753)	Single phase ac induction motors for general purpose Third Revision	IEC TC- (P); ISO TC-43 SC-1 (O)
30	ETD 35 (16481)	Electromechanical elementary relays: Part 1 general and safety requirements Amendment – 1	IEC TC- (O); IEC TC- (P)
31	ETD 29 (16618)	Ac motor capacitors part 1: general performance testing and rating safety requirements guidance for installation and operation	IEC TC-33 (P)
32	ETD 29 (16619)	Ac motor capacitors part 2: motor start capacitors	IEC TC-33 (P)

ICT/LITD

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

At Bureau of Indian Standards (BIS)			
Electronics and Information Technology (LITD)			
Sl No	Document No	Title of the Doc	IEC/ISO
1	LITD 14 (13806)	Software and Systems Engineering – Part 1 Core Agile Practices	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
2	LITD 28 (14073)	Unified Data Exchange Part 1: Architecture	IEC TC-SyC SC- (P); IEC TC-SEG 9 (P); ISO/IEC TC-JTC 1 SC-WG 11 (P):
3	LITD 3 (16157)	Connectors for frequencies below 3 MHz for use with printed boards Part 1: Generic specification General requirements and guide for the preparation of detail specifications, with assessed quality	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
4	LITD 3 (16158)	Connectors for frequencies below 3 MHz for use with printed boards – Part 2: Detail specification for two-part connectors with assessed quality, for printed boards, for basic grid of 2.54 mm (0.1 in) with common mounting features	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
5	LITD 3 (16159)	Connectors for frequencies below 3 MHz for use with printed boards Part 3: Two-part connectors for printed boards having contacts spaced at 2.54 mm(0.100 in)centres and staggered terminations at that same spacing	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)

6	LITD 3 (16160)	Connectors for frequencies below 3 MHz for use with printed boards Part 4: Two-part connectors for printed boards having contacts spaced at 1.91 mm (0.075 in)centres and staggered terminations at that same spacing	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
7	LITD 3 (16161)	Connectors for frequencies below 3 MHz for use with printed boards Part 5: Edge-socket connectors and two-part connectors for double-sided printed boards with 2.54 mm (0.1 in) spacing	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
8	LITD 3 (16162)	Connectors for frequencies below 3 MHz for use with printed boards Part 6: Edge-socket connectors and printed-board connectors with 2.54 mm (0.1 in) contact spacing for single or double-sided printed boards of 1.6 mm (0.063 in) nominal thickness	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
9	LITD 3 (16163)	Connectors for frequencies below 3 MHz for use with printed boards Part 8: Two-part connectors for printed boards for basic grid of 2.54 mm (0.1 in), with square male contacts of 0.63 mm x 0.63 mm	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
10	LITD 3 (16164)	Connectors for frequencies below 3 MHz for use with printed boards Part 11: Detail specification for concentric connectors dimensions for free connectors and fixed connectors	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
11	LITD 3 (16165)	Connectors for frequencies below 3 MHz for use with printed boards Part 12: Detail specification for dimensions general requirements and tests for a range of sockets designed for use with integrated circuits	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)

12	LITD 3 (16166)	Connectors for frequencies below 3 MHz for use with printed boards - Part 13: Detail specification for two-part connectors of assessed quality for printed boards for basic grid of 2.54 mm(0.1 in) with free connectors for non-accessible insulation displacement terminations (ID)	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
13	LITD 3 (16167)	Connectors for frequencies below 3 MHz for use with printed boards Part 14: Detail specification for circular connectors for low-frequency audio and video applications such as audio video and audio-visual equipment	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
14	LITD 3 (16168)	Connectors for electronic equipment Product requirements Part 1: Generic specification	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
15	LITD 3 (16170)	Connectors for electronic equipment Part 4-100: Printed board connectors with assessed quality Detail specification for two-part connector modules having a grid of 2.5 mm for printed boards and backplanes	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
16	LITD 3 (16171)	Connectors for electronic equipment Part 4-101: Printed board connectors with assessed quality Detail specification for two-part connector modules having a basic grid of 2.0 mm for printed boards and backplanes in accordance with IEC 60917	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)

17	LITD 3 (16172)	Connectors with assessed quality for use in d.c., low-frequency analogue and in digital high speed data applications – Part 4: Printed board connectors – Section 102: Detail specification for two-part single-pole connectors, for multiple uses on plug-in units, with pre-centring, coding and early mating features, having a metric grid in accordance with IEC 60917	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
18	LITD 3 (16173)	Connectors for use in dc low-frequency analogue and digital high speed data applications Part 4-103: Printed board connectors with assessed quality Detail specification for two-part connectors with shielding and a basic grid of 2.5 mm	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
19	LITD 3 (16174)	Connectors for use in d.c., low frequency analogue and digital high speed data applications – Part 4-104: Printed board connectors with assessed quality – Detail specification for two-part modular connectors, basic grid of 2.0 mm, with terminations on a multiple grid of 0.5 mm	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
20	LITD 3 (16175)	Connectors with assessed quality for use in dc low-frequency analogue and in digital high-speed data applications - Part 4: Printed board connectors - Section 105: Detail specification for 9 mm circular connector with 3 to 8 contacts for use in a wide range of applications including the telecommunication and audio industry	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)

21	LITD 3 (16176)	Connectors for electronic equipment – Part 4-107: Printed board connectors with assessed quality – Detail specification for shielded two-part connectors having a basic grid of 2.0 mm, fixed part with solder and press-in terminations for printed boards, free part with non-accessible insulation displacement and crimp terminations	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
22	LITD 3 (16177)	Connectors for electronic equipment - Part 4-108: Printed board connectors with assessed quality -Detail specification for cable-to-board connectors, with a modular pitch of 25 mm and integrated shielding function, applicable for transverse packing density of 15 mm, having a basic grid of 2.5 mm in accordance with IEC 60917-1	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
23	LITD 3 (16178)	Connectors for electronic equipment- Part 4-110: Printed board connectors with assessed quality Detail specification for latched cable connector system having a basic grid of 2.0 mm including full shielding and latching function	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
24	LITD 3 (16179)	Connectors for electronic equipment – Printed board connectors – Part 4-113: Detail specification for two-part connectors having 5 rows with a grid of 2.54 mm for printed boards and backplanes in bus applications	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
25	LITD 3 (16180)	Connectors for electronic equipment Part 4-115: Printed board connectors Backplane connector for InfiniBand equipment	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
26	LITD 3 (16181)	Connectors for electronic equipment Product requirements Part 4-116: Printed board connectors Detail specification for a high-speed two-part connector with integrated shielding function	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)

27	LITD 26 (16182)	ALARM SYSTEMS PART 7-8: Message Formats and Protocols for serial data interfaces in alarm transmission systems Requirements for common protocol for alarm transmission using the Internet protocol	IEC TC- 79 SC- (P)
28	LITD 26 (16183)	BUILDING INTERCOM SYSTEMS PART 3-2: Application Guidelines Advanced security building intercom systems ASBIS	IEC TC- 79 SC- (P)
29	LITD 3 (16372)	Capacitors and resistors for use in electronic equipment Preferred dimensions of shaft ends bushes and for the mounting of single-hole bush-mounted shaft-operated electronic components	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
30	LITD 16 (12452)	SCOSTA: Smart Card Operating System Template Architecture Part 3 Public Key Infrastructure	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)
31	LITD 23 (15475)	Information technology - Coding of audio - Visual objects: Part 22 open font format	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
32	LITD 30 (16237)	Information technology Big data reference architecture Part 3: Reference architecture	ISO/IEC TC-JTC 1 SC-SC 42 (P)
33	LITD 3 (16372)	Capacitors and resistors for use in electronic equipment Preferred dimensions of shaft ends bushes and for the mounting of single-hole bush-mounted shaft-operated electronic components	IEC TC- 48 (P); IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O)
34	LITD 17 (16422)	Information Technology Security techniques Security evaluation of biometrics	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)
35	LITD 14 (16424)	Software engineering Systems and software Quality Requirements and Evaluation SQuaRE Requirements for quality of Ready to Use Software Product RUSP and instructions for Testing First Revision	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)

36	LITD 14 (16425)	Systems and software engineering Systems and software Quality Requirements and Evaluation SQuaRE Quality measurement framework First Revision	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
37	LITD 14 (16426)	Systems and software engineering — Systems and software quality requirements and evaluation (SQuaRE) — Quality requirements framework (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
38	LITD 14 (16427)	Information technology - Service management - Part 2: Guidance on the application of service management systems (Second Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
39	LITD 14 (16428)	Information technology - Service management - Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
40	LITD 14 (16430)	Information Technology Service Management Part 10 Concepts and Vocabulary (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
41	LITD 28 (16448)	IEEE Standard for Low-Rate Wireless Networks	IEC TC-SyC SC- (P); IEC TC-SEG 9 (P); ISO/IEC TC-JTC 1 SC-WG 11 (P):
42	LITD 11 (16464)	Optical Fibres Part 2 Product specifications Section 50 Sectional specification for class B single-mode fibres	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
43	LITD 11 (16465)	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)
44	LITD 11 (16466)	Optical Fibre Cables Part 3 Outdoor cables Section 10 Family specification for duct directly buried or lashed aerial optical telecommunication cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)

45	LITD 11 (16467)	Optical Fibre Cables Part 3 Outdoor cables Section 11 Product specification for duct directly buried and lashed Aerial single-mode optical fibre telecommunication cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
46	LITD 11 (16468)	Optical Fibre Cables Part 4 Sectional specification Section 20 Aerial optical cables along electrical power lines Family specification for ADSS all dielectric self-supported optical cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
47	LITD 23 (16470)	Information technology Coding of audio-visual objects Part 3: Audio First Revision	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
48	LITD 23 (16471)	INFORMATION TECHNOLOGY CODING OF AUDIO-VISUAL OBJECTS PART 14 MP4 FILE FORMAT (First Revision)	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
49	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)
50	LITD 23 (16473)	Information Technology - Coding of Audio-Visual Objects Part 4 Conformance Testing Amendment – 1	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
51	LITD 23 (16474)	Information Technology - Coding of Audio-Visual Objects Part 5 Reference Software Amendment – 1	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
52	LITD 16 (16480)	Information processing - Volume and file structure of CD - ROM for information interchange Amendment – 1	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)

53	LITD 1 (16528)	Classification of Environmental Conditions Part 2 Environmental Conditions appearing in nature Section 4 Solar Radiation and Temperature	IEC TC- 89 SC- (O); IEC TC- 104 (O)
54	LITD 1 (16529)	Classification of Environmental Conditions Part 2 Environmental Conditions appearing in nature Section 7 Flora and Fauna	IEC TC- 89 SC- (O); IEC TC- 104 (O)
55	LITD 1 (16530)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 0 Introduction	IEC TC- 89 SC- (O); IEC TC- 104 (O)
56	LITD 1 (16531)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 1 Storage	IEC TC- 89 SC- (O); IEC TC- 104 (O)
57	LITD 1 (16534)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 1 Transportation and Handling	IEC TC- 89 SC- (O); IEC TC- 104 (O)
58	LITD 1 (16535)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 3 Stationary use at weather protected locations	IEC TC- 89 SC- (O); IEC TC- 104 (O)
59	LITD 1 (16536)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 4 Stationary use at non-weather protected locations	IEC TC- 89 SC- (O); IEC TC- 104 (O)
60	LITD 1 (16537)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 5 Ground Vehicle Installations	IEC TC- 89 SC- (O); IEC TC- 104 (O)
61	LITD 1 (16538)	Classification of Environmental Conditions Part 3 Classification of groups of environmental parameters and their severities Section 7 Portable and non-stationary use	IEC TC- 89 SC- (O); IEC TC- 104 (O)

62	LITD 1 (16539)	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electro technical products Section 40 Insulating Liquids	IEC TC- 89 SC- (O); IEC TC- 104 (O)
63	LITD 12 (14556)	Electrotechnical Vocabulary – Part 704: Transmission	IEC TC- 103 (O)
64	LITD 12 (14559)	Electrotechnical Vocabulary – Part 725: Space Radio Communications	IEC TC- 103 (O)
65	LITD 23 (15475)	Information technology - Coding of audio - Visual objects: Part 22 open font format	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
66	LITD 32 (15687)	Information technology Biometrics Tenprint capture using biometric application programming interface BioAPI	ISO/IEC TC-JTC 1 SC-37 (P)
67	LITD 32 (15688)	Information technology Evaluation methodology for environmental influence in biometric system performance	ISO/IEC TC-JTC 1 SC-37 (P)
68	LITD 32 (15689)	Information technology Object oriented BioAPI Part 1: Architecture	ISO/IEC TC-JTC 1 SC-37 (P)
69	LITD 32 (15690)	Information technology Object oriented BioAPI Part 4: C implementation	ISO/IEC TC-JTC 1 SC-37 (P)
70	LITD 30 (16237)	Information technology Big data reference architecture Part 3: Reference architecture	ISO/IEC TC-JTC 1 SC-SC 42 (P)
71	LITD 14 (16424)	Software engineering Systems and software Quality Requirements and Evaluation SQuaRE Requirements for quality of Ready to Use Software Product RUSP and instructions for Testing First Revision	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
72	LITD 14 (16425)	Systems and software engineering Systems and software Quality Requirements and Evaluation SQuaRE Quality measurement framework First Revision	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
73	LITD 14 (16426)	Systems and software engineering — Systems and software quality requirements and evaluation (SQuaRE) — Quality requirements framework (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)

74	LITD 14 (16427)	Information technology - Service management - Part 2: Guidance on the application of service management systems (Second Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
75	LITD 14 (16428)	Information technology - Service management - Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
76	LITD 14 (16430)	Information Technology Service Management Part 10 Concepts and Vocabulary (First Revision)	ISO/IEC TC-JTC 1 SC-7 (P); ISO/IEC TC-JTC 1 SC-40 (P)
77	LITD 16 (16449)	IDENTIFICATION CARDS RECORDING TECHNIQUE PART 1 EMBOSSING Third Revision	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)
78	LITD 16 (16450)	IDENTIFICATION CARDS RECORDING TECHNIQUE PART 2 MAGNETIC STRIPE LOW COERCIVITY Third Revision	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)
79	LITD 16 (16451)	Identification cards Recording technique Part 7: Magnetic stripe: High coercivity high density Second Revision	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)

80	LITD 16 (16452)	Identification cards Integrated circuit cards Part 4: Organization security and commands for interchange First Revision	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)
81	LITD 16 (16453)	Identification cards Integrated circuit cards Part 6: Interindustry data elements for Interchange Third Revision	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)
82	LITD 16 (16454)	Identification cards Integrated circuit cards Part 8: Commands and mechanisms for security operations First Revision	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)
83	LITD 16 (16455)	Identification cards Integrated circuit cards Part 9: Commands for card management First Revision	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)
84	LITD 16 (16456)	Identification cards Integrated circuit cards Part 11: Personal verification through biometric methods First Revision	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)

85	LITD 16 (16457)	Cards and security devices for personal identification Test methods Part 7: Contactless vicinity objects First Revision	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)
86	LITD 11 (16464)	Optical Fibres Part 2 Product specifications Section 50 Sectional specification for class B single-mode fibres	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
87	LITD 11 (16465)	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)
88	LITD 11 (16466)	Optical Fibre Cables Part 3 Outdoor cables Section 10 Family specification for duct directly buried or lashed aerial optical telecommunication cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
89	LITD 11 (16467)	Optical Fibre Cables Part 3 Outdoor cables Section 11 Product specification for duct directly buried and lashed Aerial single-mode optical fibre telecommunication cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
90	LITD 11 (16468)	Optical Fibre Cables Part 4 Sectional specification Section 20 Aerial optical cables along electrical power lines Family specification for ADSS all dielectric self-supported optical cables	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)
91	LITD 23 (16470)	Information technology Coding of audio-visual objects Part 3: Audio First Revision	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)

92	LITD 23 (16471)	INFORMATION TECHNOLOGY CODING OF AUDIO-VISUAL OBJECTS PART 14 MP4 FILE FORMAT (First Revision)	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
93	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)
94	LITD 23 (16473)	Information Technology - Coding of Audio-Visual Objects Part 4 Conformance Testing Amendment – 1	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
95	LITD 23 (16474)	Information Technology - Coding of Audio-Visual Objects Part 5 Reference Software Amendment – 1	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
96	LITD 16 (16480)	Information processing - Volume and file structure of CD - ROM for information interchange Amendment – 1	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)
97	LITD 6 (16557)	Coaxial communication cables Part 1 Coaxial cables Section 1 Capability approval	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
98	LITD 6 (16558)	Coaxial communication cables Part 8 Sectional specification for semi-flexible cables with polytetrafluoroethylene PTFE dielectric	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
99	LITD 6 (16559)	Coaxial communication cables Part 1 Test methods Section 106 Electrical Test for withstand voltage of cable sheath	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)

100	LITD 6 (16560)	Coaxial communication cables Part 1 Test methods Section 113 Electrical Test for attenuation constant	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
101	LITD 6 (16561)	Coaxial communication cables Part 1 Test methods Section 201 Environmental Test for cold bend performance of cable	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
102	LITD 6 (16562)	Coaxial communication cables Part 1 Test methods Section 203 Environmental Test for water penetration of cable	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
103	LITD 6 (16564)	Coaxial communication cables Part 1 Test methods Section 313 Mechanical test for Adhesion of dielectric and sheath	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
104	LITD 6 (16565)	Coaxial communication cables Part 1 Test methods Section 314 Mechanical test for Test for bending	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
105	LITD 6 (16566)	Coaxial communication cables Part 1 Test methods Section 316 Mechanical test for maximum pulling force of cable	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
106	LITD 6 (16567)	Coaxial communication cables Part 1 Test methods Section 324 Mechanical test for abrasion resistance of cable	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
107	LITD 6 (16568)	Radio frequency and coaxial cable assemblies Part 2 Part 2: Sectional specification Radio frequency coaxial connectors of type 952 (First Revision of IS 5054 (Part 2)	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
108	LITD 6 (16569)	Radio frequency and coaxial cable assemblies Part 4 RF coaxial connectors with inner diameter of outer conductor 16 mm 063 in with screw lock Characteristic impedance 50 type 7-16	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)

109	LITD 6 (16592)	Passive RF and microwave devices intermodulation level measurement Part 1 General requirements and measuring methods	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
110	LITD 6 (16593)	Passive RF and microwave devices intermodulation level measurement Part 4 Measurement of passive intermodulation in coaxial cables	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
111	LITD 6 (16595)	Metallic communication cable test methods Part 4 Electromagnetic compatibility EMC Section 4 Test method for measuring of the screening attenuation a s up to and above 3 GHz triaxial method	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
112	LITD 6 (16596)	Metallic communication cable test methods Part 4 Electromagnetic compatibility EMC Section 5 Coupling or screening attenuation Absorbing clamp method	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
113	LITD 6 (16597)	Metallic communication cable test methods Part 4 Electromagnetic compatibility EMC Section 6 Surface transfer impedance Line injection method	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)
114	LITD 17 (16653)	Information technology Electronic discovery Part 1: Overview and concepts	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)
115	LITD 17 (16654)	Information security Lightweight cryptography Part 2: Block ciphers First Revision	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)
116	LITD 17 (16694)	AMENDMNET 1 TO Information technology - Security techniques - Key management: Part 4 mechanisms based on weak: Secrets (First Revision) Amendment – 1	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)
117	LITD 17 (16695)	Amendment 1 to 18033-4 Information technology - Security techniques - encryption algorithms: Part 4 stream ciphers	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)

118	LITD 17 (16696)	Amendment 1 to Information technology - Security techniques - Requirements for bodies providing audit and Certification of Information Security Management systems (First Revision)	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)
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Transport (TED)

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

At Bureau of Indian Standards (BIS)			
Transport Engineering Department (TED)			
Sl No	Document No	Title of the Doc	IEC/ISO
1	TED 11 (15885)	Headlight Switches for Automobiles – Specification	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)
2	TED 2 (16117)	Reciprocating internal combustion engine - Vocabulary - Part 2: Terms for engine maintenance	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)
3	TED 2 (16120)	Reciprocating internal combustion engine driven alternating current generating sets - Part 2: Engines	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)
4	TED 2 (16121)	Reciprocating internal combustion engines - Exhaust emission measurement - Part 3: Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter	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	TED 2 (16129)	Reciprocating internal combustion engines - Exhaust emission measurement - Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter	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)
6	TED 11 (16132)	Road Vehicles - Fuse-links - Part 6: Single-bolt fuse-links	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)
7	TED 24 (16292)	Freight containers Electronic seals Part 1: Communication protocol	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
8	TED 24 (16293)	Freight containers Electronic seals Part 2: Application requirements	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
9	TED 24 (16294)	Freight Containers Electronic Seals Part 3: Environmental Characteristics	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
10	TED 24 (16295)	Freight containers Electronic seals Part 4: Data protection	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):

11	TED 24 (16296)	Freight containers Electronic seals Part 5: Physical layer	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
12	TED 24 (16307)	Packaging Transport packaging for dangerous goods Recycled plastics material	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
13	TED 24 (16308)	Transport packages for dangerous goods Dangerous goods packagings intermediate bulk containers IBCs and large packagings Guidelines for the application of ISO 9001	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
14	TED 24 (16309)	Packaging Transport packaging for dangerous goods Test methods	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
15	TED 24 (16324)	Pallets — Slip Sheets	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):

16	TED 24 (16326)	Freight containers Container Tracking and Monitoring Systems CTMS: Requirements	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
17	TED 24 (16338)	Packaging — Accessible Design — Ease of Opening	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
18	TED 24 (16339)	Packaging Accessible Design General Requirements	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
19	TED 24 (16340)	Packaging Tactile Warnings of Danger Requirements	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
20	TED 24 (16352)	Packaging Label Material Required Information for Ordering and Specifying Self-Adhesive Labels	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):

21	TED 24 (16367)	Series 1 Freight Containers — Handling and Securing — Rationale for ISO 3874:2017 Annexes A To E	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
22	TED 24 (16368)	Series 1 Freight Containers - Rationale for Structural Test Criteria	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
23	TED 24 (16369)	Thermal Containers Safety Standard for Refrigerating Systems Using Flammable Refrigerants Requirements for Design and Operation	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 4 SC- 4 (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P):
24	TED 11 (15885)	Headlight Switches for Automobiles – Specification	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)

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
1	Automotive	Draft Amd. No. 4 to AIS 110:2009	Automotive Vehicles -Temporary-Use Spare Wheel/ Tyres and Run Flat Tyres
2	Automotive	Draft AIS-170/ DF / Sept. 2020	Remote Sensing Devices for on-road Emissions Monitoring – Product Specifications and Programme Guidelines

3	Automotive	Draft AIS-168 / D2 Oct 2020	Specific Requirements for A6 and A7 Category Electric Power Train Agricultural Tractors
4	Automotive	Draft Amendment 5 to AIS-145	Additional Safety features for Category M & N Vehicles
5	Automotive	Draft Amendment 5 to AIS-023	Automotive Vehicles - Seats, their Anchorages and Head Restraints for Passenger Vehicles of Categories L7, M2, M3 and Goods Vehicles of Category N - Specifications

ICT at TSDSI

Activities at TSDSI				
"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	NIP 256	Study of technical aspects for deployment of a pan-India PPDR network based on PS-LTE technology	TSDSI-SGSS-NIP256-V1.0.0-20201006	Accepted
2	NIP 255	Rural Broadband Architecture	TSDSI-SGSS-NIP255-V5.0.0-20201217	Accepted
3	NIP 255	Rural Broadband Architecture	TSDSI-SGSS-NIP255-V4.0.0-20201217	Accepted
4	NIP 262	COMMUNICATIONS REQUIREMENTS AND RECOMMENDATIONS FOR THE ENERGY SECTOR	TSDSI-SGSS-NIP262-V1.0.0-20201217	Accepted
5	NIP 242	Open Bootstrap Framework	TSDSI-SGSS-NIP242-V3.0.0-20201216	Accepted
6	NIP 261	User Device Data Protection	TSDSI-SGSS-NIP261-V1.0.0-20201216	Accepted
7	NIP 248	Evaluation of the existing Relay/IAB architecture in 3GPP 4G LTE/5G NR Networks and Standardization of a new generic and flexible Relay/IAB Architecture along with the associated protocols	TSDSI-SGN-NIP248-V1.1.0-20201215	Accepted

8	NIP 260	Road Test Comparison of 5Gi vs 5G	TSDSI-SGSS-NIP260-V1.0.0-20201215	Accepted
9	NIP 259	MC-IOT Standard Proposal for channel BW below 100 kHz	TSDSI-SGN-NIP259-V1.0.0-20201214	Accepted
10	NIP 255	Rural Broadband Architecture	TSDSI-SGSS-NIP255-V3.0.0-20201214	Accepted
11	NIP 256	Study of technical aspects for deployment of a pan-India Broadband PPDR network based on PS-LTE and 5G technology	TSDSI-SGSS-NIP256-V2.0.0-20201214	Accepted
12	NIP 251	Load and Latency Aware Joint Hypervisor Controller Deployment for 5G and Beyond	TSDSI-SGN-NIP251-V1.1.0-20201213	Accepted
13	NIP 258	Characterization of E-band for 4G/5G Backhaul & Rural Broadband	TSDSI-SGN-NIP258-V1.0.0-20201213	Accepted
14	NIP 253	UAV Assisted C-RAN for 5G and beyond	TSDSI-SGN-NIP253-V2.0.0-20201213	Accepted
15	NIP 257	Virtualization for Open-Disaggregated RAN	TSDSI-SGN-NIP257-V1.0.0-20201204	Accepted
16	NIP 255	Rural Broadband Architecture	TSDSI-SGSS-NIP255-V2.0.0-20201204	Accepted
17	NIP 223	Enhancement of flexible UL/DL resource utilization	TSDSI-SGN-NIP223-V2.0.0-20201202	Accepted

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

“List of Study Item status update”

S. No.	Study Item	Name	Version	Status
1	SI81	Virtualization for Open-Disaggregated RAN-Sooktha	TSDSI-SGN-SI81-V1.0.0-20201215	Initiated
2	SI80	Dynamic joint deployment of SDN Controllers and Hypervisors	TSDSI-SGN-SI80-V1.0.0-20201215	Initiated
3	SI79	NB-IoT Performance Assessment for Metering and SCADA	TSDSI-SGN-SI79-V1.0.0-20201201	Initiated
4	SI78	Need of Post Quantum Cryptography in 5G Networks	TSDSI-SGSS-SI78-V1.0.0-20201109	Initiated
5	SI77	Know your Machine Custodian (KYMC)	TSDSI-SGSS-SI77-V1.0.0-20201109	Initiated

6	SI76	Common User Profile Format	TSDSI-SGSS-SI76-V1.0.0-20201109	Initiated
7	SI75	IoT Identifier	TSDSI-SGSS-SI75-V1.0.0-20201109	Initiated

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

“List of SWIP Status Update”

S. No.	SWIP	Name	Version	Status
1	SWIP684	Draft Cover Letter for TR – Reducing Threats to Nation CII Using DNS (SI68)	TSDSI-SGSS-SWIP684-V1.1.0-20201005	Accepted
2	SWIP685	Know Your Machine Custodian (KYMC)	TSDSI-SGSS-SWIP685-V1.0.0-20201109	Accepted
3	SWIP686	Summary of Email discussion on “SWIP 678”	TSDSI-SGN-SWIP686-V1.0.0-20201202	Accepted
4	SWIP687	TR update on enhancement of flexible UL/DL resource utilization	TSDSI-SGN-SWIP687-V1.0.0-20201202	Accepted
5	SWIP679	Status update on Technical Report for “5G Extension of Broadcast Offload “	TSDSI-SGN-SWIP679-V2.0.0-20201208	Accepted
6	SWIP688	Common user profile format for audiovisual content	TSDSI-SGSS-SWIP688-V1.0.0-20201214	Accepted
7	SWIP689	Need for Post-Quantum Cryptography in 5G networks TR Skeleton draft v1.0	TSDSI-SGSS-SWIP689-V1.0.0-20201216	Accepted
8	SWIP690	Proposal Text for TR : DCS support in cellular network	TSDSI-SGSS-SWIP690-V1.0.0-20201216	Accepted
9	SWIP691	Indian Language Support For Financial Transactions and Applications	TSDSI-SGSS-SWIP691-V1.0.0-20201216	Accepted
10	SWIP692	IoT Identifier	TSDSI-SGSS-SWIP692-V1.0.0-20201216	Accepted
11	SWIP693	KYMC	TSDSI-SGSS-SWIP693-V1.0.0-20201216	Accepted
12	SWIP691	Indian Language Support For Financial Transactions and Applications	TSDSI-SGSS-SWIP693-V2.0.0-20201217	Accepted

[For complete details of the SWIP please click here and select SWIP](#)