

**Annexure 1****ICT/LITD**

The following Draft Indian Standards were issued for by Electronics and Information Technology division council at BIS during the last quarter for eliciting technical comment:

<b>Electronics and Information Technology Division Council (LITDC)</b>			
<b>S. No.</b>	<b>Document No.</b>	<b>Title of the Doc</b>	<b>IEC/ISO</b>
1	<a href="#">LITD 17 (12163)</a>	Data Privacy Assurance: Part 2 Engineering and Management Guidelines	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
2	<a href="#">LITD 17 (12162)</a>	Data Privacy Assurance: Part 1 Engineering and Management Requirements	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
3	<a href="#">LITD 19 (12309)</a> <a href="#">ISO/IEC 19778-3:2015</a>	Information technology – Learning, education and training – collaborative technology – collaborative workplace – Part 3 : collaborative group data model	ISO/IEC/JTC1 TC- 36 SC- 36 (P);
4	<a href="#">LITD 19 (12302)</a> <a href="#">ISO/IEC 12785-1:2009</a>	Information technology – Learning, education and training – content packaging – Part 1: Information model	ISO/IEC/JTC1 TC- 36 SC- 36 (P);
5	<a href="#">LITD 19 (12306)</a> <a href="#">ISO/IEC 12785-2:201</a>	Information technology – Learning, education and training – content packaging – Part 2: XML binding	ISO/IEC/JTC1 TC- 36 SC- 36 (P);
6	<a href="#">LITD 19 (12308)</a> <a href="#">ISO/IEC 19778-2:2015</a>	Information technology – Learning, education and training – collaborative technology – collaborative workplace – Part 2: collaborative environment data model	ISO/IEC/JTC1 TC- 36 SC- 36 (P);
7	<a href="#">LITD 19 (12307)</a> <a href="#">ISO/IEC 19778-1:2015</a>	Information technology – Learning, education and training – collaborative technology – collaborative workplace – Part 1: collaborative workplace data model	ISO/IEC/JTC1 TC- 36 SC- 36 (P);
8	<a href="#">LITD 16(11635)</a> <a href="#">ISO/IEC23912:2005</a>	Information technology — 80 mm (1,46 Gbytes per side) and 120 mm (4,70 Gbytes per side) DVD Recordable Disk (DVD-R)	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);

9	<a href="#">LITD 16(11628)</a> <a href="#">ISO/IEC12862:2011</a>	Information technology — 120 mm(8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD record able disk for dual layer (DVD-R for DL)	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);
10	<a href="#">LITD 16(11630)</a> <a href="#">ISO/IEC16824:1999</a>	Information technology — 120 mm DVD rewritable disk (DVD-RAM)	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);
11	<a href="#">LITD 16(11631)</a> <a href="#">ISO/IEC16963:2015</a>	Information technology — Digitally recorded media for information interchange and storage — Test method for the estimation of lifetime of optical disks for long-term data storage	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);
12	<a href="#">LITD 16(11627)</a> <a href="#">ISO/IEC 13170:2009</a>	Information technology — 120 mm(8,54 G bytes per side)and 80 mm (2,66 G bytes per side) DVD re-record able disk for dual layer (DVD-RW for DL)	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);
13	<a href="#">LITD 16 (11632)</a> <a href="#">ISO/IEC17342:2004</a>	Information technology — 80 mm(1,46 G bytes per side) and 120 mm (4,70 G bytes per side) DVD re-recordable disk (DVD-RW)	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);

14	<a href="#">LITD 16(11634)</a> <a href="#">ISO/IEC20563:2001</a>	Information technology — 80 mm(1,23 G bytes per side) and 120 mm (3,95 G bytes per side) DVD-recordable disk(DVD-R)	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);
15	<a href="#">LITD 16 (11633)</a> <a href="#">ISO/IEC17592:2004</a>	Information technology — 120 mm(4,7 G bytes per side) and 80 mm (1,46 G bytes per side) DVD re-writable disk (DVD-RAM)	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);
16	<a href="#">LITD 17(13569)</a>	Information Technology — Security Techniques — Information Security Controls for the Energy Utility Industry	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
17	<a href="#">LITD 17(13571)</a>	Information Technology — Security Techniques — Information Security For Supplier Relationships — Part 4: Guidelines for security of Cloud Services	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
18	<a href="#">LITD 17(13570)</a>	Information Technology — Security Techniques — Information Security For Supplier Relationships — Part 2: Requirements	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
19	<a href="#">LITD 01 (13627)</a>	Classification of Environmental conditions – Part 2-1 : Environmental Conditions appearing in nature – Temperature and humidity (first Revision)	IEC TC- 89 SC- (O); IEC TC- 104 (O)
20	<a href="#">LITD 01 (13626)</a>	Environmental testing- part 2 -75 : Tests- Test Eh : Hammer Tests (first Revision)	IEC TC- 89 SC- (O); IEC TC- 104 (O)
21	<a href="#">LITD 19 (13744)</a>	Information technology for learning, education and training- Languages accessibility and human interface equivalencies (HIEs) in e-learning applications—part 1: Framework and reference model for semantic interoperability.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
22	<a href="#">LITD 19 (13745)</a>	Information technology for learning, education and training- Learning analytics interoperability — Part 1 : reference model	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
23	<a href="#">LITD 19 (13746)</a>	Information technology for learning, education and training- Learning analytics interoperability — Part 1 : System requirements	ISO/IEC/JTC1 TC- 36 SC- 36 (P)

24	<a href="#">LITD 19 (13747)</a>	Information technology – Individualized adaptability and accessibility in e-learning, education and training – Part 1: Framework and reference model.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
25	<a href="#">LITD 19 (13748)</a>	Information technology – Individualized adaptability and accessibility in e-learning, education and training – Part 2: “Access for all” personal needs and preferences for digital delivery.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
26	<a href="#">LITD 19 (13749)</a>	Information technology – Individualized adaptability and accessibility in e-learning, education and training – Part 3: “Access for all” digital resource description.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
27	<a href="#">LITD 19 (13750)</a>	Information technology for learning, education and training – Nomadicity and mobile technologies – Part 1 Nomadicity reference model.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
28	<a href="#">LITD 19 (13751)</a>	Information technology for learning, education and training – Nomadicity and mobile technologies – Part 2 Learning Information model for mobile learning.	ISO/IEC/JTC1 TC- 36 SC- 36 (P)
29	<a href="#">LITD 19 (13752)</a>	Information technology— Identification of privacy protection requirements pertaining to learning, education and training (LET) – Part 1 : Framework and reference model	ISO/IEC/JTC1 TC- 36 SC- 36 (P)

### Electrical Equipment including Consumer Electronics (ETD)

The following Draft Indian Standards were issued for eliciting technical comments for Electro Technical Sector at BIS:

Electrical Equipment including Consumer Electronics (ETD)			
S. No.	Document No.	Title of the Doc	IEC/ISO
1	<a href="#">ETD 12 (13580)</a>	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use Part 2-20 : Particular Requirements For Laboratory Centrifuges	IEC TC-85 (O)
2	<a href="#">ETD 18 (12478)</a>	Expression of performance of electrochemical analyzers: Part 3 Electrolytic conductivity (first revision)	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P)
3	<a href="#">ETD 18 (12476)</a>	Expression of performance of electrochemical analyzers – Part 1: General (First Revision)	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P)

4	<a href="#">ETD 18 (13645)</a>	Industrial-process measurement and control – Programmable controllers : Part 2 Equipment requirements and tests (second revision)	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P)
5	<a href="#">ETD 44 (13529)</a>	Guidance on the application of ISO 13849-1 and IEC 62061 in the design of safety-related control systems for machinery	IEC TC- 44 (O)
6	<a href="#">ETD 08 (13520)</a>	High-Voltage Switchgear and Controlgear Part 1 Common specifications for alternating current switchgear and controlgear (first revision)	IEC TC- 17 (P); IEC TC- 17A SC- 17A (P); IEC TC- 17C SC- 17C (P)
7	<a href="#">ETD 08 (13524)</a>	High-Voltage Switchgear and Controlgear: Part 102 Alternating Current Disconnectors And Earthing Switches (first revision)	IEC TC- 17 (P); IEC TC- 17A SC- 17A (P); IEC TC- 17C SC- 17C (P)
8	<a href="#">ETD 31 (13574)</a>	Low-voltage power supply devices, d.c. output - Performance characteristics	IEC TC- (P); IEC TC- 22E SC- 22E (O) ;IEC TC- 22G SC- 22G (O)
9	<a href="#">ETD 31 (13575)</a>	Low-voltage switch mode power supplies – Part 3 : Electromagnetic compatibility (EMC)	IEC TC- (P); IEC TC- 22E SC- 22E (O) ;IEC TC- 22G SC- 22G (O)
10	<a href="#">ETD 11(13596)</a>	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – SECONDARY SEALED CELLS AND BATTERIES FOR PORTABLE APPLICATIONS – PART 1: NICKEL-CADMIUM	IEC TC-21 (O); IEC TC- SC-21A (P)
11	<a href="#">ETD 11(13590)</a>	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – VENTED NICKEL-CADMIUM PRISMATIC RECHARGEABLE SINGLE CELLS	IEC TC-21 (O); IEC TC- SC-21A (P)
12	<a href="#">ETD 11(13591)</a>	STATIONARY LEAD-ACID BATTERIES – PART 21: VALVE REGULATED TYPES – METHODS OF TEST	IEC TC-21 (O); IEC TC- SC-21A (P)
13	<a href="#">ETD 11(13592)</a>	STATIONARY LEAD-ACID BATTERIES – PART 22: VALVE REGULATED TYPES – REQUIREMENTS	IEC TC-21 (O); IEC TC- SC-21A (P)
14	<a href="#">ETD 11(13593)</a>	SECONDARY CELLS AND BATTERIES – TEST METHODS FOR CHECKING THE PERFORMANCE OF DEVICES DESIGNED FOR REDUCING EXPLOSION HAZARDS – LEAD-ACID STARTER BATTERIES	IEC TC-21 (O); IEC TC- SC-21A (P)
15	<a href="#">ETD 11(13595)</a>	POSSIBLE SAFETY AND HEALTH HAZARDS IN THE USE OF ALKALINE SECONDARY CELLS AND BATTERIES – GUIDE TO EQUIPMENT MANUFACTURERS AND USERS	IEC TC-21 (O); IEC TC- SC-21A (P)

16	<a href="#">ETD 11(13597)</a>	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – SECONDARY SEALED CELLS AND BATTERIES FOR PORTABLE APPLICATIONS – PART 2: NICKEL-METAL HYDRIDE	IEC TC-21 (O); IEC TC- SC-21A (P)
17	<a href="#">ETD 11(13598)</a>	SECONDARY LITHIUM-ION CELLS FOR THE PROPULSION OF ELECTRIC ROAD VEHICLES – PART 4: CANDIDATE ALTERNATIVE TEST METHODS FOR THE INTERNAL SHORT CIRCUIT TEST OF IEC 62660-3	IEC TC-21 (O); IEC TC- SC-21A (P)
18	<a href="#">ETD 07 (13585)</a>	Low-voltage switchgear and controlgear: Part 5 Control circuit devices and switching elements, Section 1 Electromechanical control circuit devices (second revision)	IEC TC-121 SC-121A (P); IEC TC-121 SC-121B (P); IEC TC-23 SC-23E (P)
19	<a href="#">ETD 11(13594)</a>	GUIDE FOR THE USE OF MONITOR SYSTEMS FOR LEAD-ACID TRACTION BATTERIES	IEC TC-21 (O); IEC TC- SC-21A (P)
20	<a href="#">ETD 19 (13661)</a>	Guidance for determination of clearances, creepage distances and requirements for solid insulation for equipment with a rated voltage above 1 000 V AC and 1 500 V DC, and up to 2 000 V AC and 3 000 V DC	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
21	<a href="#">ETD 32 (13691)</a>	Draft Amendment No.1 February 2019 to IS 302-2-35 : 2017 Safety Of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 35 Electric Instantaneous Water Heaters (Second Revision)	IEC 61B, 61H, 61J-61B, 61H, 61J
22	<a href="#">ETD 32 (13688)</a>	Draft Amendment No.1 February 2019 to IS 2082 : 2018 Stationary Storage Type Electric Water Heaters Specification (Fifth Revision)	IEC 61B, 61H, 61J-61B, 61H, 61J
23	<a href="#">ETD 32 (13689)</a>	Draft Amendment No.2 February 2019 to IS 302-2-30 : 2007 Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 30 Room Heaters (First Revision)	IEC 61B, 61H, 61J-61B, 61H, 61J
24	<a href="#">ETD 32 (13690)</a>	Draft Amendment No.1 February 2019 to IS 302-2-21 : 2018 Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters (Second Revision)	IEC 61B, 61H, 61J-61B, 61H, 61J
25	<a href="#">ETD 44 (13529)</a>	Guidance on the application of ISO 13849-1 and IEC 62061 in the design of safety-related control systems for machinery	IEC TC- 44 (O)
26	<a href="#">ETD 09(13684)</a>	Amendment No. 4 to IS 694 : 2010 Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages upto and including 1 100 V (fourth revision)	IEC TC-20 (P);
27	<a href="#">ETD 08 (13520)</a>	High-Voltage Switchgear and Controlgear Part 1 Common specifications for alternating current switchgear and controlgear (first revision)	IEC TC- 17 (P); IEC TC- 17A SC- 17A (P); IEC TC- 17C SC- 17C (P)

28	<a href="#">ETD 08 (13524)</a>	High-Voltage Switchgear and Controlgear: Part 102 Alternating Current Disconnectors And Earthing Switches (first revision)	IEC TC- 17 (P); IEC TC- 17A SC- 17A (P); IEC TC- 17C SC- 17C (P)
29	<a href="#">ETD 31 (13575)</a>	Low-voltage switch mode power supplies – Part 3 : Electromagnetic compatibility (EMC)	IEC TC- (P); IEC TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O)
30	<a href="#">ETD 31 (13574)</a>	Low-voltage power supply devices, d.c. output - Performance characteristics	IEC TC- (P); IEC TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O)
31	<a href="#">ETD 25 (12528)</a>	Requirements Of Lifts For Differently Abled Persons (First Revision of IS 15330)	ISO TC- 178 (P)
32	<a href="#">ETD 19 (13661)</a>	Guidance for determination of clearances, creepage distances and requirements for solid insulation for equipment with a rated voltage above 1 000 V AC and 1 500 V DC, and up to 2 000 V AC and 3 000 V DC	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
33	<a href="#">ETD 44 (13668)</a>	Safety of machinery - Application of protective equipment to detect the presence of persons	IEC TC- 44 (O)
34	<a href="#">ETD 44 (13669)</a>	Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for active optoelectronic protective devices responsive to diffuse reflection (AOPDDR)	IEC TC- 44 (O)
35	<a href="#">ETD 19 (13778)</a>	Guide for the Measurement of DC Electric-Field Strength and Ion Related Quantities	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
36	<a href="#">ETD 19 (13777)</a>	Standard Procedures for Measurement of Power Frequency Electric and Magnetic Fields From AC Power Lines	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)
37	<a href="#">ETD 20 (13655)</a>	Requirements for Electrical Installations in Medical Locations	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)
38	<a href="#">ETD 23 (13815)</a>	Draft Amendment No. 6 To IS 15111 (Part 1) : 2002 Self Ballasted Lamps for General Lighting Services - Part 1 : Safety Requirements	--
39	<a href="#">ETD 21 (12841)</a>	Resistance welding equipment: Part 2 Electromagnetic compatibility (EMC) requirements	ISO TC-44 SC-(O); IEC TC-26 SC-(O);

40	<a href="#">ETD 21 (12840)</a>	Resistance welding equipment: Part 1 Safety requirements for design, manufacture and installation	ISO TC-44 SC-(O); IEC TC-26 SC-(O);
41	<a href="#">ETD 21 (12688)R</a>	Arc welding equipment - Part 7 : Torches	ISO TC-44 SC-(O); IEC TC-26 SC-(O);
42	<a href="#">ETD 21 (13877)</a>	Arc welding equipment: Part 6 Limited duty equipment (first revision)	ISO TC-44 SC-(O); IEC TC-26 SC-(O);
43	<a href="#">ETD 21 (13876)</a>	Arc welding equipment: Part 4 Periodic inspection and testing (first revision)	ISO TC-44 SC-(O); IEC TC-26 SC-(O);
44	<a href="#">ETD 21 (12692 )</a>	Arc welding equipment: Part 13 Welding clamp	ISO TC-44 SC-(O); IEC TC-26 SC-(O);
45	<a href="#">ETD 21 ( 12691)</a>	Arc welding equipment: Part 12 Coupling devices for welding cables	ISO TC-44 SC-(O); IEC TC-26 SC-(O);

### Transport (TED)

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

Transport (TED)			
S. No.	Document No.	Title of the Doc	IEC/ISO
1	<a href="#">TED 2 (12054) W</a>	Specification for Hub Axle, Front, for mopeds (First Revision of IS 10651)	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)
2	<a href="#">TED 02 (12056) W</a>	Specification for Hub Axle, Rear, for mopeds (First Revision of IS 10653)	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	<a href="#">TED 02 (12058) W</a>	Specification for pedal assembly for mopeds (First Revision of IS 10652)	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	<a href="#">TED 02 (12060) W</a>	Specification for adjusters for control cables for mopeds (First Revision of IS 11139)	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	<a href="#">TED 02 (12062) W</a>	Specification for crank and chain wheel for mopeds (First Revision of IS 10323)	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	<a href="#">TED 24 (13582) W</a>	Series 1 freight containers — Handling and securing (Adoption of ISO 3874 : 2017) (Third Revision)	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); ISO TC- 4 SC- 4 (P):
7	<a href="#">TED 24 (13583) W</a>	Packaging – Bar code and two-dimensional symbols for shipping, transport and receiving labels (Adoption of ISO 15394 : 2017) (Second Revision)	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); ISO TC- 4 SC- 4 (P):
8	<a href="#">TED 24 (13581) W</a>	Flat pallets for intercontinental materials handling — Principal dimensions and tolerances (Adoption of ISO 6780 : 2003) (Third Revision)	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); ISO TC- 4 SC- 4 (P):
9	<a href="#">TED 24 (13579) W</a>	Series 1 freight containers — Classification, dimensions and ratings (Adoption of ISO 668 : 2013) (Fourth Revision)	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); ISO TC- 4 SC- 4 (P):

10	<a href="#">TED 24 (13577) W</a>	Series 1 freight containers — Corner and intermediate fittings — Specifications (Adoption of ISO 1161 : 2016) (Third Revision)	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); ISO TC- 4 SC- 4 (P):
11	<a href="#">TED 24 (13578) W</a>	Series 1 freight containers – Specification and testing – Part 1: General cargo containers for general purposes (Adoption of ISO 1496-1 : 2013) (First Revision)	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); ISO TC- 4 SC- 4 (P):
12	<a href="#">TED 27 (13009)</a>	Electric Power Train Vehicles — Measurement of net power and the maximum 30 minute power (Identical adoption of AIS 041:2015)	ISO TC-22 (P); ISO TC-22 SC-37 (O) ; IEC TC-69 (O); IEC TC-69 (O)
13	<a href="#">TED 27 (12990)</a>	Electric Power Train Vehicles — Measurement of Electrical Energy Consumption (Identical adoption of AIS 039:2015)	ISO TC-22 (P); ISO TC-22 SC-37 (O) ; IEC TC-69 (O); IEC TC-69 (O)
14	<a href="#">TED 27 (12996)</a>	Electric Power Train Vehicles — Method of measuring the range (Identical adoption of AIS 040:2015)	ISO TC-22 (P); ISO TC-22 SC-37 (O) ; IEC TC-69 (O); IEC TC-69 (O)
15	<a href="#">TED24(13617)W</a>	Packaging — Distribution packaging — Graphical symbols for handling and storage of packages (Adoption of ISO 780:2015) (Fourth Revision)	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); ISO TC- 4 SC- 4 (P):

16	<a href="#">TED24(13618)W</a>	Packaging -- Complete, filled transport packages -- Compression and stacking tests using a compression tester (Adoption of ISO 12048 : 1994) (Second Revision)	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); ISO TC- 4 SC- 4 (P):
17	<a href="#">TED24(13619)W</a>	Packaging – Complete, filled transport and unit loads – Vertical random vibration test (Adoption of ISO 13355 : 2016) (First Revision)	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); ISO TC- 4 SC- 4 (P):
18	<a href="#">TED 24 (13618) W</a>	Packaging -- Complete, filled transport packages -- Compression and stacking tests using a compression tester (Adoption of ISO 12048 : 1994) (Second Revision)	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); ISO TC- 4 SC- 4 (P):
19	<a href="#">TED 24 (13617) W</a>	Packaging — Distribution packaging — Graphical symbols for handling and storage of packages (Adoption of ISO 780:2015) (Fourth Revision)	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); ISO TC- 4 SC- 4 (P):
20	<a href="#">TED 24 (13619) W</a>	Packaging – Complete, filled transport and unit loads – Vertical random vibration test (Adoption of ISO 13355 : 2016) (First Revision)	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); ISO TC- 4 SC- 4 (P):

21	<a href="#">TED6(13631)W</a>	Draft Amendment No. 1 January 2019 To IS 13943: 2017 Automotive Vehicles – Wheel Guards For Vehicles of M1 Category – Performance Requirements (First Revision)	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);
22	<a href="#">TED 6(13504)W</a>	Draft Amendment No. 1 January 2019 to IS 7906(Part 5) : 2004 Helical Compression Springs –Part 5 Hot Coiled Springs Made From Circular Section Bars (Second Revision)	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);
23	<a href="#">TED 27 (12983) W</a>	Battery operated vehicle – Requirements of traction batteries	ISO TC-22 (P); ISO TC-22 SC-37 (O) ; IEC TC-69 (O); IEC TC-69 (O)
24	<a href="#">TED 6(12640)P</a>	Draft Indian Standard IS 13942 (Part 1) Automotive Vehicles — External Projection - Performance Requirements For M1 Category of Vehicles	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);
25	<a href="#">TED24(13725)W</a>	Series 1 freight containers Specification and testing Part 5: Platform and platform-based containers (Adoption of ISO 1496-5 : 2018)	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); ISO TC- 4 SC- 4 (P):

26	<a href="#">TED 24 (13724) W</a>	Series 1 Freight Containers — Specification and Testing - Part 2 Thermal Containers (Adoption of ISO 1496-2 : 2018) (Third Revision)	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); ISO TC- 4 SC- 4 (P):
27	<a href="#">TED 27 (12983) W</a>	Battery operated vehicle – Requirements of traction batteries	ISO TC-22 (P); ISO TC-22 SC-37 (O) ; IEC TC-69 (O); IEC TC-69 (O)
28	<a href="#">TED 6(12640)P</a>	Draft Indian Standard IS 13942 (Part 1) Automotive Vehicles — External Projection - Performance Requirements For M1 Category of Vehicles	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);
29	<a href="#">TED 14 (13675) W</a>	Aerospace — Screws, 100 degrees normal countersunk head, internal offset cruciform ribbed or unribbed drive, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa	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);
30	<a href="#">TED 22 (13680) W</a>	Industrial trucks – Verification of stability – Part 7 : Bidirectional and multidirectional ( Adoption of ISO 22915 -7 : 2016)	ISO TC- 40 SC- 40 (O); ISO TC- (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P) ; ISO TC- 3 SC- 3 (P);

31	<a href="#">TED 22 (13679) W</a>	Industrial trucks– Verification of stability – Part 1 : General ( Adoption of ISO 22915 -1 : 2016)	ISO TC- 40 SC- 40 (O); ISO TC- (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P) ; ISO TC- 3 SC- 3 (P);
32	<a href="#">TED 2 (13692) W</a>	Internal combustion engine — Piston rings — Part 1: Vocabulary (First Revision of IS/ ISO 6621-1) (Identical adoption of ISO 6621- 1:2018)	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)
33	<a href="#">TED 2 (13687) W</a>	Reciprocating internal combustion engine — Vocabulary — Part 1: Terms for engine design and operation [Second Revision of IS 7451(Part 1)] (Identical adoption of ISO 2710-1:2017)	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)
34	<a href="#">TED2(13717)W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 5: Generating sets (First Revision of IS/ ISO 8528-5) (Identical adoption of ISO 8528-5:2018)	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)
35	<a href="#">TED2(13716)W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 9: Measurement and evaluation of mechanical vibrations	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)
36	<a href="#">TED 2 (13720) W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 7: Technical declarations for specification and design (First Revision of IS/ ISO 8528-7)	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)
37	<a href="#">TED 2 (13718) W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 1: Application, rating and performance (First Revision of IS/ ISO 8528-1)	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)
38	<a href="#">TED2(13721)W</a>	Reciprocating internal combustion engine — Exhaust emission engines — Part 4: Steady-state and transient test cycles for different engine applications	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)

39	<a href="#">TED 22 (13680) W</a>	Industrial trucks – Verification of stability – Part 7 : Bidirectional and multidirectional ( Adoption of ISO 22915 -7 : 2016)	ISO TC- 40 SC- 40 (O); ISO TC- (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P) ; ISO TC- 3 SC- 3 (P);
40	<a href="#">TED 22 (13679) W</a>	Industrial trucks– Verification of stability – Part 1 : General ( Adoption of ISO 22915 -1 : 2016)	ISO TC- 40 SC- 40 (O); ISO TC- (P); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P) ; ISO TC- 3 SC- 3 (P);
41	<a href="#">TED 2 (13692) W</a>	Internal combustion engine — Piston rings — Part 1: Vocabulary (First Revision of IS/ ISO 6621-1) (Identical adoption of ISO 6621- 1:2018)	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)
42	<a href="#">TED 2 (13687) W</a>	Reciprocating internal combustion engine — Vocabulary — Part 1: Terms for engine design and operation [Second Revision of IS 7451(Part 1)] (Identical adoption of ISO 2710-1:2017)	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)
43	<a href="#">TED2(13717)W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 5: Generating sets (First Revision of IS/ ISO 8528-5) (Identical adoption of ISO 8528-5:2018)	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)
44	<a href="#">TED2(13716)W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 9: Measurement and evaluation of mechanical vibrations	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)
45	<a href="#">TED 2 (13720) W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 7: Technical declarations for specification and design (First Revision of IS/ ISO 8528-7)	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)
46	<a href="#">TED 2 (13718) W</a>	Reciprocating internal combustion engine driven alternating current generating sets — Part 1: Application, rating and performance (First Revision of IS/ ISO 8528-1)	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)

47	<a href="#">TED2(13721)W</a>	Reciprocating internal combustion engine — Exhaust emission engines — Part 4: Steady-state and transient test cycles for different engine applications	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)
48	<a href="#">TED 24 (13879) W</a>	Freight containers — Mechanical seals (Adoption of ISO 17712 : 2013)	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); ISO TC- 4 SC- 4 (P):

### At Automotive Research Association of India (ARAI)

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

At Automotive Research Association of India (ARAI)			
1	Automotive	<a href="#">Draft Amendment 9 to AIS 037</a>	Procedure for Type Approval and Establishing Conformity of Production for Safety Critical
2	Automotive	<a href="#">Draft AIS-157/ D0 /2019</a>	Safety and procedural requirements for type approval of fuel cell vehicles

### ICT at TSDSI

ICT Activities at TSDSI			
"List of New Item for Proposal at TSDSI"			
New Item Proposal	Name	Version	Status
<a href="#">NIP 218</a>	Study on the Service Requirements for the support of Multi-SIM devices in Wireless Cellular System	TSDSI-SGSS-NIP218-V1.0.0-20190314	Accepted
<a href="#">NIP 185</a>	A unified Broadband PPDR Communication System for India	TSDSI-SGSS-NIP185-V2.0.0-20190118	Reserved
<a href="#">NIP 217</a>	Indian Language support for Financial transaction	TSDSI-SGSS-NIP217-V1.0.0-20190308	Accepted
<a href="#">For complete details of the NIP please click here</a>			
"List of Work Item status update"			



Work Item	Name	Version	Status
No Work Items introduced since last month			
<a href="#">For complete details of the Work Items (WI) please click here and select Work Items</a>			
<b>“Status update of Study Items at TSDSI”</b>			
Study Item	Name	Version	Status
<a href="#">SI64</a>	SI on 5G Spectrum Studies	TSDSI-SGN-SI64-V1.0.0-20190115	Reserved
<a href="#">For complete details of the Study Items please click here</a>			
<b>“List of SWIP Status Update”</b>			
SWIP	Name	Version	Status
<a href="#">SWIP596</a>	Editorial Changes to TS on pi/2 BPSK	TSDSI-SGN-SWIP596-V1.0.0-20190114	Accepted
<a href="#">SWIP597</a>	Study of FR1 and FR2 in Indian context	TSDSI-SGN-SWIP597-V1.0.0-20190114	Accepted
<a href="#">SWIP598</a>	SWIP for converting to NSG questionnaire to LS	TSDSI-SGN-SWIP598-V1.0.0-20190115	Accepted
<a href="#">SWIP600</a>	TSDSI RIT/SRIT submission update to ITU-R WP5D	TSDSI-SGN-SWIP600-V1.0.0-20190115	Accepted
<a href="#">SWIP601</a>	Record the responses to PPDR questionnaire	TSDSI-SGSS-SWIP601-V1.0.0-20190118	Accepted
<a href="#">SWIP571</a>	SWIP on Information Centric Networking	TSDSI-SGSS-SWIP571-V1.2.0-20190208	Accepted
<a href="#">SWIP602</a>	Date Extension for CIP White Paper	TSDSI-SGSS-SWIP602-V1.0.0-20190218	Accepted
<a href="#">SWIP603</a>	CR for fast SRS precoding	TSDSI-SGN-SWIP603-V1.0.0-20190311	Accepted
<a href="#">SWIP604</a>	Bandwidth Partitioning method for New Radio	TSDSI-SGN-SWIP604-V1.0.0-20190311	Accepted
<a href="#">SWIP605</a>	Changes to 38.331...	TSDSI-SGN-SWIP605-V1.0.0-20190311	Accepted
<a href="#">SWIP606</a>	Template document for FiCAD and FiDAR	TSDSI-SGN-SWIP606-V1.0.0-20190311	Accepted
<a href="#">SWIP607</a>	Concept note for TRAI on Broadcast Offload	TSDSI-SGN-SWIP607-V1.0.0-20190311	Accepted
<a href="#">SWIP608</a>	Request for extension of date for completion of White Paper on Broadcast Offload	TSDSI-SGN-SWIP608-V1.0.0-20190311	Accepted
<a href="#">SWIP609</a>	Broadcast offload -LTE EMBMS based solutions	TSDSI-SGN-SWIP609-V1.0.0-20190312	Accepted
<a href="#">SWIP605</a>	Default values of scheduled bandwidth for mapping UL PTRS with transform precoding	TSDSI-SGN-SWIP609-V2.0.0-20190313	Accepted

<a href="#">SWIP604</a>	Bandwidth Partitioning method for New Radio	TSDSI-SGN-SWIP609-V1.1.0-20190313	Accepted
<a href="#">SWIP610</a>	Low PAPR waveform for Rel 13/14 NB-IoT	TSDSI-SGN-SWIP610-V1.1.0-20190313	Reserved
<a href="#">SWIP611</a>	Low PAPR waveform for 5G NR	TSDSI-SGN-SWIP611-V1.1.0-20190313	Reserved
<a href="#">SWIP612</a>	CIP Interim Report – Mar 2019-v1	TSDSI-SGSS-SWIP612-V1.1.0-20190313	Reserved

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