

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)			
Electro-technical (ETD)			
Sl No	Document No	Title of the Doc	IEC/ISO
1	ETD 35 (14607)	Electrical relays Part 21 : Vibration shock bump and seismic tests on measuring relays and protection equipment Sec 2 : Shock and Bump Tests	IEC TC- (O); IEC TC- (P)
2	ETD 35 (14608)	Electrical Relays Part 24 Common Format for Transient Data Exchange (COMTRADE) for Power System (first revision)	IEC TC- (O); IEC TC- (P)
3	ETD 35 (14609)	Measuring Relays and Protection Equipment Part 26 Electromagnetic Compatibility Requirements (first revision)	IEC TC- (O); IEC TC- (P)
4	ETD 31 (14657)	Adjustable speed electrical power drive systems Part 5 - Safety requirements - Sec 1 - Electrical thermal and energy	TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O);
5	ETD 31 (14658)	Adjustable speed electrical power drive systems - Part 5- Safety requirements Sec 2 - Functional	TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O);
6	ETD 15 (14662)	Single-phase small ac electric motors for centrifugal pumps for agricultural applications	IEC TC- (P); ISO TC-43 SC- 1 (O)
7	ETD 15 (14666)	Values of performance characteristics for three-phase induction motors with degree of protection 2X	IEC TC- (P); ISO TC-43 SC- 1 (O)
8	ETD 40 (14936)	Reliability and availability evaluation of HVDC systems	IEC TC- 22F SC- 22F (P)
9	ETD 28 (10084)	SELECTION OF STAND-ALONE LIGHTING KITS FOR RURAL ELECTRIFICATION PART 1 SPECIFICATION	IEC TC-82 (P)
10	ETD 28 (10085)	SELECTION OF STAND-ALONE LIGHTING KITS FOR RURAL ELECTRIFICATION PART 2 METHODS OF TEST	IEC TC-82 (P)

11	ETD 52 (13979)	Electrical energy storage EES systems Part 5 Safety requirements for grid integrated EES systems Section 2 electrochemical based systems	--
12	ETD 13 (14453)	Data Exchange for Electricit Meter - Reading Tariff and Load Control - Companion Specification Part 1 Static Energy Meter Amendment - 5	IEC TC-13 (P)
13	ETD 28 (14729)	Photovoltaic devices - Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic PV devices	IEC TC-82 (P)
14	ETD 28 (14730)	Photovoltaic Devices - Part 3 : Measurement Principles for Terrestrial Photovoltaic PV Solar Devices with Reference Spectral Irradiance Data Third Revision	IEC TC-82 (P)
15	ETD 28 (14731)	Photovoltaic devices - Part 13: Electroluminescence of photovoltaic modules	IEC TC-82 (P)
16	ETD 28 (14732)	Photovoltaic PV systems - Characteristics of the utility interface	IEC TC-82 (P)
17	ETD 28 (14733)	Photovoltaic PV arrays - Design requirements	IEC TC-82 (P)
18	ETD 28 (14735)	Concentrator photovoltaic CPV modules and assemblies - Safety qualification	IEC TC-82 (P)
19	ETD 28 (14742)	Photovoltaic cells - Part 1: Measurement of light-induced degradation of crystalline silicon photovoltaic cells	IEC TC-82 (P)
20	ETD 28 (14747)	Terrestrial photovoltaic PV systems - Guidelines for effective quality assurance in PV systems installation operation and maintenance	IEC TC-82 (P)
21	ETD 28 (14749)	Photovoltaic PV modules through the life cycle - Environmental health and safety EHS risk assessment - General principles and nomenclature	IEC TC-82 (P)
22	ETD 52 (14901)	General Safety and Performance Requirements of Battery Management Systems	--
23	ETD 40 (14936)	Reliability and availability evaluation of HVDC systems	IEC TC- 22F SC-22F (P)
24	ETD 40 (14959)	Guideline for the system design of HVDC converter stations with line-commutated converters	IEC TC- 22F SC-22F (P)

25	ETD 40 (14960)	High-voltage direct current HVDC transmission Vocabulary first revision of IS 14801 : 2000	IEC TC- 22F SC-22F (P)
26	ETD 40 (14961)	High voltage direct current HVDC power transmission System requirements for DC-side equipment Part 1: Using line-commutated converters	IEC TC- 22F SC-22F (P)
27	ETD 28 (14750)	Primary optics for concentrator photovoltaic systems	IEC TC-82 (P)
28	ETD 28 (14751)	Concentrator photovoltaic CPV modules - Thermal cycling test to differentiate increased thermal fatigue durability	IEC TC-82 (P)
29	ETD 28 (14756)	Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment	IEC TC-82 (P)
30	ETD 28 (14757)	Photovoltaic PV modules - Type approval design and safety qualification - Retesting	IEC TC-82 (P)
31	ETD 28 (14758)	Photovoltaic concentrator cell documentation	IEC TC-82 (P)
32	ETD 28 (14759)	Measurement procedures for materials used in photovoltaic modules - Part 7: Environmental exposures - Sec 2 : Accelerated weathering tests of polymeric materials	IEC TC-82 (P)
33	ETD 28 (14760)	Measurement procedures for materials used in photovoltaic modules -Part 2: Polymeric materials - Frontsheets and backsheets	IEC TC-82 (P)
34	ETD 28 (14799)	Ground-mounted photovoltaic power plants - Design guidelines and recommendations	IEC TC-82 (P)
35	ETD 28 (14800)	Photovoltaic PV modules - Cyclic dynamic mechanical load testing	IEC TC-82 (P)

ICT/LITD

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

Electronics and Information Technology(ICT)			
S.No.	Document No	Title of the Doc	IEC/ISO
1	LTD 12 (13157)	Radio Communications: transmitters receivers networks and operation	IEC TC- 103 (O)

2	LTD 12 (14556)	Electro-technical vocabulary: Part 65 Transmission	IEC TC- 103 (O)
3	LTD 12 (14557)	Standardization of Interconnections Between Broadcasting Transmitters or Transmitter Systems and Supervisory Equipment Part 1 Interface Standards for Systems Using Dedicated Interconnections Amendment - 1	IEC TC- 103 (O)
4	LTD 12 (14558)	Electrotechnical Vocabulary - Part 21 : Antennas	IEC TC- 103 (O)
5	LTD 12 (14559)	Electrotechnical vocabulary: Part 66 Space radio communications	IEC TC- 103 (O)
6	LTD 5 (14706)	Preferred number series for Resistors and Capacitors	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
7	LTD 5 (14707)	Passive filter units for electromagnetic interference suppression Part 1 Generic specification First Revision and Superseding 1 IS 3723Part 1:1978 2 IS 3723Part 2:1983 and 3 IS 3723Part 3:1983	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
8	LTD 5 (14708)	Passive filter units for electromagnetic interference suppression Part 2 Sectional specification Passive filter units for which safety tests are appropriate Test methods and general requirements First Revision of IS 13247 Part 2	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
9	LTD 5 (14709)	Semiconductor devices - Integrated circuits : Part 2 Digital integrated circuits essential ratings and characteristics Sec 1 General	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O);

			IEC TC- 86B SC-86B (O);
10	LTD 5 (14711)	Semiconductor devices Integrated circuits Part 3 Analogue integrated circuits Superseding 1 IS 12970Part 5Sec 1:1991 2 IS 12970Part 5Sec 2:1992 3 IS 12970Part 5Sec 3:1992 4 IS 12970Part 5Sec 4:1992 5 IS 12970Part 5Sec 5:1993 6 IS 12970Part 5Sec	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC-47A (P); IEC TC- 91 (P); IEC TC- 47F SC-47F (O); IEC TC- 86B SC-86B (O);
11	LTD 30 (15000)	Information technology Big data Overview and vocabulary	--
12	LTD 17 (15068)	Information technology - Security techniques - Key management: Part 2 mechanisms using symmetric techniques	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
13	LTD 17 (15069)	Information Technology Security Techniques Guidelines for Auditors on Information Security Controls	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
14	LTD 17 (15070)	Information Technology - Security Techniques - Code of Practice for Protection of Personally Identifiable Information PII in Public Clouds Acting as PII Processors	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
15	LTD 17 (15071)	Information technology -- Security techniques -- Privacy architecture framework	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
16	LTD 32 (15072)	Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794: Part 5 face image data	ISO/IEC TC-JTC 1 SC-37 (P)
17	LTD 17 (15075)	Information technology - Security techniques - Application Security: Part 1 overview and concepts Amendment - 1	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)

18	LTD 17 (15076)	Information Technology - Security Techniques - Privacy Framework Amendment - 1	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
19	LTD 17 (15078)	Information technology - Security techniques - digital signatures with appendix: Part 2 integer factorization based mechanisms Amendment - 1	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
20	LTD 17 (15079)	Information technologies - Security techniques - Information Security management systems - Requirements (First Revision) Amendment - 1	ISO/IEC/JTC1 TC-27 SC- 27 (P); ISO/IEC/JTC1 TC-37 SC- 37 (P)
21	LTD 32 (15080)	Information Technology - Conformance testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 1 Generalized Conformance Testing Methodology Amendment - 1	ISO/IEC TC-JTC 1 SC-37 (P)
22	LTD 32 (15081)	Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794: Part 4 finger image data Amendment - 1	ISO/IEC TC-JTC 1 SC-37 (P)

Transport (TED)

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

Transport			
S.No.	Document No	Title of the Doc	IEC/ISO
1	TED 24 (13589)	Wooden Pallets for Packaging Storage and Transportation Specifications	ISO TC- 51 (P); ISO TC- 104 (P); ISO TC- 122 (P); ISO TC- 3 SC- 3 (O); ISO TC- 1 SC- 1 (P); ISO TC- 2 SC- 2 (P); ISO TC- 4 SC- 4 (P)

2	TED 7 (13028)	Evaluation of Tyres with regard to Rolling Sound Emission and/or to adhesion on wet surface and/or to Rolling Resistance	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);
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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.	Code	Title
1	Draft AIS-004 (Part 3) (Rev.1)/D1/Sept 2019	Automotive Vehicles –Requirements for Electromagnetic Compatibility
2	Proposed Draft Amendment 4 to AIS-145	Additional Safety features for Category M & N Vehicles
3	Draft Amd. 3 to AIS-072	Approval of Restraining Devices for Child Occupants of Power-Driven Vehicles (“Child Restraint System”)
4	Draft Amd. 1 to AIS-147:2018	External Projection requirements for Two Wheeled Motor Vehicles
5	Revised draft Amd 5 to AIS-113	Code of Practice for Type Approval of Trailers / Semi-trailers of categories T2, T3 and T4 being towed by Motor Vehicles of categories N2 and N3
6	Proposed Draft Amendment 4 to AIS-145	Additional Safety features for Category M & N Vehicles
7	Draft Amendment No 3 to AIS-009 (Rev. 1): 2011	Automotive Vehicles –Installation Requirements of Lighting and Light-Signalling Devices for L Category Vehicles, their Trailers and Semi-Trailers
8	Draft Amendment No 2 to AIS-009: 2001	Automotive Vehicles –Installation Requirements of Lighting and Light-Signalling Devices for L Category Vehicles, their Trailers and Semi-Trailers

ICT at TSDSI

Activities at TSDSI				
"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	NIP 228	Reducing Threat Using DNS	TSDSI-SGN-NIP228-V1.1.0-20191126	Accepted
2	NIP 227	Fixed and Mobile Convergence with 5G Core	TSDSI-SGN-NIP227-V1.1.0-20191122	Accepted
3	NIP 226	Broadcast-Broadband Convergence	TSDSI-SGN-NIP226-V1.1.0-20191115	Accepted
For complete details of the NIP please click here				
"List of Study Item status update"				
S. No.	Work Item	Name	Version	Status
No Study Items introduced since last quarter				
For complete details of the Study Items please click here				
"List of SWIP Status Update"				
S. No.	SWIP	Name	Version	Status
1	SWIP639	DCS Support in cellular network	TSDSI-SGSS-SWIP639-V1.0.0-20191105	Accepted
2	SWIP640	Reply to Response by TSDSI fork proponents_Airtel_round_2_ver7 3	TSDSI-SGN-SWIP640-V1.0.0-20191125	Accepted
3	SWIP641	Enhancements in flexible UL-DL resource utilization in Release 17	TSDSI-SGN-SWIP641-V1.0.0-20191126	Accepted
4	SWIP642	Understanding of 3GPP RRC signalling in the context of TSDSI RIT, and associated interoperability concerns	TSDSI-SGN-SWIP642-V1.0.0-20191126	Accepted
5	SWIP643	Enabling Deployment Option-6 as a 5G NR SA mode.	TSDSI-SGN-SWIP643-V1.0.0-20191126	Accepted
6	SWIP644	Technical Report on the Use of Indian Languages in Financial Transactions & Applications	TSDSI-SGSS-SWIP644-V1.0.0-20191126	Accepted
For complete details of the SWIP please click here and select SWIP				