

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

### Electrical Equipment including Consumer Electronics (ETD)

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

<b>At Bureau of Indian Standards (BIS)</b>				
<b>Electrotechnical (ETD)</b>				
Sl No	Document No	Title of the Doc	IEC/ISO	Give comments
1	<a href="#">ETD 40(17931)</a>	Performance of high - Voltage direct current (Hvdc) systems with line - Commutated converters: Part 2 faults and switching (First Revision) Amendment - 1	IEC TC- 22F SC- 22F (P)	<a href="#">Comment</a>
2	<a href="#">ETD 40(17933)</a>	High - Voltage direct current (HVDC) power transmission using voltage sourced converters (Vsc) Amendment - 1	IEC TC- 22F SC- 22F (P)	<a href="#">Comment</a>
3	<a href="#">ETD 1(18035)</a>	Basic and safety principles for man-machine interface marking and identification - Identification of equipment terminals conductor terminations and conductors	IEC TC-1 (O); IEC TC-3 (P) IEC TC- SC-3C (O); IEC TC-8 (P) IEC TC-25 (O) IEC TC-70 (O)	<a href="#">Comment</a>
4	<a href="#">ETD 6(17554)</a>	Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic insulators for ac systems - Characteristics of insulator units of the long rod type	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
5	<a href="#">ETD 6(17555)</a>	Insulated bushings - Guide for the interpretation of dissolved gas analysis (DGA) in bushings where oil is the impregating medium of the main insulation (generally paper)	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
6	<a href="#">ETD 6(17556)</a>	Characteristics of line post insulators	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
7	<a href="#">ETD 6(17557)</a>	Insulators of ceramic material or glass for overhead lines with a nominal voltage greater than 1 000 V - Impulse puncture testing in air	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
8	<a href="#">ETD 6(17558)</a>	Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for dc systems - Definitions test methods and acceptance criteria	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>

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

9	<a href="#">ETD 6(17559)</a>	Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions test methods acceptance criteria and design recommendations	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
10	<a href="#">ETD 6(18026)</a>	Thermal-mechanical performance test and mechanical performance test on string insulator units	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
11	<a href="#">ETD 6(18031)</a>	Bushings - Seismic qualification	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
12	<a href="#">ETD 6(18032)</a>	Hybrid insulators for ac and dc for high-voltage applications - Definitions test methods and acceptance criteria	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
13	<a href="#">ETD 6(18042)</a>	Characteristics of hollow pressurised and unpressurised ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1000 V	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
14	<a href="#">ETD 6(18043)</a>	Selection and dimensioning of high-voltage insulators intended for use in polluted conditions - Part 4: Insulators for dc systems	IEC TC- (P); IEC TC- 36A SC- 36A (O)	<a href="#">Comment</a>
15	<a href="#">ETD 19(17963)</a>	Instruments And Software Used For Measurements In High-Voltage And High-Current Tests Part 1: Requirements For Instruments For Impulse Tests First Revision	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	<a href="#">Comment</a>
16	<a href="#">ETD 21(12691)</a>	Arc welding equipment: Part 12 Coupling devices for welding cables	ISO TC-44 (O); IEC TC-26 (O)	<a href="#">Comment</a>
17	<a href="#">ETD 23(17898)</a>	Double-Capped LED Linear Lamps Part 2 Performance Specification		<a href="#">Comment</a>
18	<a href="#">ETD 25(16905)</a>	Lifts Elevators Escalators and Moving Walks Programmable Electronic Systems in Safety Related Applications Part 3 Life Cycle Guideline for Programmable Electronic Systems related to PESSRAL and PESSRAE	ISO TC- 178 (P)	<a href="#">Comment</a>
19	<a href="#">ETD 25(16911)</a>	Electrical Requirements for Lifts Escalators and Moving Walks Part 1 Electromagnetic Compatibility With Regard To Emission	ISO TC- 178 (P)	<a href="#">Comment</a>
20	<a href="#">ETD 25(16924)</a>	Passenger lifts and service lifts Guide rails for lift cars and counterweights T-type	ISO TC- 178 (P)	<a href="#">Comment</a>

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

21	<a href="#">ETD 25(18075)</a>	Electrical requirements for lifts escalators and moving walks Part 2 Electromagnetic compatibility with regard to immunity	ISO TC- 178 (P)	<a href="#">Comment</a>
22	<a href="#">ETD 28(17951)</a>	Photovoltaic Devices Part 2 : Requirements for Reference Solar Devices Second Revision	IEC TC-82 (P)	<a href="#">Comment</a>
23	<a href="#">ETD 28(17952)</a>	Photovoltaic Devices Part 7: Computation of the Spectral Mismatch Correction For Measurements of Photovoltaic Devices First Revision	IEC TC-82 (P)	<a href="#">Comment</a>
24	<a href="#">ETD 28(17953)</a>	Photovoltaic Devices Part 9: Solar Simulator Performance Requirements First Revision	IEC TC-82 (P)	<a href="#">Comment</a>
25	<a href="#">ETD 28(17954)</a>	Photovoltaic Devices Part 10: Methods of Linear Dependence and Linearity Measurements Second Revision	IEC TC-82 (P)	<a href="#">Comment</a>
26	<a href="#">ETD 28(17955)</a>	Solar Photovoltaic Energy Systems Terms Definitions and Symbols Second Revision	IEC TC-82 (P)	<a href="#">Comment</a>
27	<a href="#">ETD 28(17957)</a>	Utility-Interconnected Photovoltaic Inverters Test Procedure for Under Voltage Ride-Through Measurements First Revision	IEC TC-82 (P)	<a href="#">Comment</a>
28	<a href="#">ETD 32(17858)</a>	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)	<a href="#">Comment</a>
29	<a href="#">ETD 32(17877)</a>	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)	<a href="#">Comment</a>
30	<a href="#">ETD 32(17878)</a>	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)	<a href="#">Comment</a>

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

31	<a href="#">ETD 32(17880)</a>	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)	<a href="#">Comment</a>
32	<a href="#">ETD 32(17882)</a>	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)	<a href="#">Comment</a>
33	<a href="#">ETD 32(17884)</a>	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)	<a href="#">Comment</a>
34	<a href="#">ETD 37(14357)</a>	Code of Practice for Design Installation and Maintenance for Overhead Power Lines - Part 3 : 400 kV and 765 kV Lines - Section 1 : Design	IEC TC-7 (P); IEC TC-11 (P)	<a href="#">Comment</a>
35	<a href="#">ETD 37(14358)</a>	Code of Practice for Design Installation and Maintenance of Overhead Power Lines - Part 3 : 400 kV and 765 kV Lines - Section 2 : Installation and Maintenance	IEC TC-7 (P); IEC TC-11 (P)	<a href="#">Comment</a>
36	<a href="#">ETD 44(18095)</a>	Safety of machinery Electro-sensitive protective equipment Part 1 General requirements and tests	IEC TC- 44 (O)	<a href="#">Comment</a>
37	<a href="#">ETD 44(18097)</a>	Safety of machinery Electro-sensitive protective equipment Part 2 Particular requirements for equipment using active opto-electronic protective devices AOPDs first revision	IEC TC- 44 (O)	<a href="#">Comment</a>
38	<a href="#">ETD 44(18099)</a>	Safety of machinery Functional safety of safety-related control systems	IEC TC- 44 (O)	<a href="#">Comment</a>
39	<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)	<a href="#">Comment</a>

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

40	<a href="#">ETD 15(15753)</a>	Single phase ac induction motors for general purpose Third Revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>
41	<a href="#">ETD 6(17551)</a>	Ball and socket couplings of string insulator units – Dimensions	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
42	<a href="#">ETD 6(17552)</a>	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
43	<a href="#">ETD 6(17553)</a>	Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for ac systems - Characteristics of insulator units of the cap and pin type	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
44	<a href="#">ETD 40(17594)</a>	Performance of Unified Power Flow Controller UPFC in Electric Power Systems	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
45	<a href="#">ETD 32(16992)</a>	HOUSEHOLD ELECTRIC COOKING APPLIANCES PERFORMANCE REQUIREMENTS OF ELECTRIC HOBS	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)	<a href="#">Comment</a>
46	<a href="#">ETD 32(17858)</a>	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)	<a href="#">Comment</a>
47	<a href="#">ETD 32(17877)</a>	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)	<a href="#">Comment</a>

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

48	<a href="#">ETD 32(17878)</a>	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)	<a href="#">Comment</a>
49	<a href="#">ETD 32(17880)</a>	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)	<a href="#">Comment</a>
50	<a href="#">ETD 32(17882)</a>	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)	<a href="#">Comment</a>
51	<a href="#">ETD 32(17884)</a>	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)	<a href="#">Comment</a>
52	<a href="#">ETD 23(17898)</a>	Double-Capped LED Linear Lamps Part 2 Performance Specification	-	<a href="#">Comment</a>
53	<a href="#">ETD 32(16992)</a>	HOUSEHOLD ELECTRIC COOKING APPLIANCES PERFORMANCE REQUIREMENTS OF ELECTRIC HOBBS	IEC TC- 61B, 61H, 61J SC- 61B, 61H, 61J (P); IEC TC- 59A, 59C, 59D, 59F, 59L SC- 59A, 59C, 59D, 59F, 59L (P)	<a href="#">Comment</a>
54	<a href="#">ETD 20(17173)</a>	GUIDE FOR IMPLEMENTATION OF ELECTRICAL INSTALLATION STANDARDS IN BUILDING	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O)	<a href="#">Comment</a>

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

55	<a href="#">ETD 19(17389)</a>	Insulation Coordination for Equipment Within Low-Voltage Systems Part 1 Principles Requirements and Tests	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	<a href="#">Comment</a>
56	<a href="#">ETD 19(17390)</a>	INSTRUMENTS AND SOFTWARE USED FOR MEASUREMENT IN HIGH-VOLTAGE AND HIGH-CURRENT TESTS Part 3: Requirements for Hardware For Tests With Alternating And Direct Voltages and Currents	IEC TC-28 (P); IEC TC-42 (P); IEC TC-109 (O)	<a href="#">Comment</a>
57	<a href="#">ETD 12(17433)</a>	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 1 GENERAL REQUIREMENTS	IEC TC-85 (O)	<a href="#">Comment</a>
58	<a href="#">ETD 12(17434)</a>	ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS UP TO 1000 V AC AND 1500 V DC - EQUIPMENT FOR TESTING MEASURING OR MONITORING OF PROTECTIVE MEASURES: PART 2 INSULATION RESISTANCE	IEC TC-85 (O)	<a href="#">Comment</a>
59	<a href="#">ETD 12(17460)</a>	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS Part 1: POWER QUALITY INSTRUMENTS PQI	IEC TC-85 (O)	<a href="#">Comment</a>
60	<a href="#">ETD 12(17461)</a>	POWER QUALITY MEASUREMENT IN POWER SUPPLY SYSTEMS PART 2: FUNCTIONAL TESTS AND UNCERTAINTY REQUIREMENTS	IEC TC-85 (O)	<a href="#">Comment</a>
61	<a href="#">ETD 40(17462)</a>	Design of earth electrode stations for high-voltage direct current HVDC links General guidelines	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
62	<a href="#">ETD 40(17463)</a>	Thyristor Valves For High Voltage Direct Current HVDC Power Transmission Part 2: Terminology	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
63	<a href="#">ETD 40(17464)</a>	Terminology For Voltage-Sourced Converters VSC for High-Voltage Direct Current HVDC Systems	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
64	<a href="#">ETD 40(17465)</a>	Power Losses in Voltage Sourced Converter VSC Valves for High-Voltage Direct Current HVDC Systems Part 1: General Requirements	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
65	<a href="#">ETD 40(17466)</a>	Power losses in voltage sourced converter VSC valves for high-voltage direct current HVDC systems Part 2: Modular multilevel converters	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
66	<a href="#">ETD 40(17594)</a>	Performance of Unified Power Flow Controller UPFC in Electric Power Systems	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>

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

67	<a href="#">ETD 40(17467)</a>	Fire prevention measures on converters for high-voltage direct current HVDC systems static var compensators SVC and flexible ac transmission systems FACTS and their valve halls	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
68	<a href="#">ETD 40(17470)</a>	Thyristor valves for thyristor-controlled series capacitors TCSC Electrical testing	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
69	<a href="#">ETD 40(17471)</a>	Voltage sourced converter VSC valves for static synchronous compensator STATCOM Electrical testing	IEC TC- 22F SC-22F (P)	<a href="#">Comment</a>
70	<a href="#">ETD 6(17473)</a>	Specification for indoor post insulators of organic material for systems with nominal voltages greater than 1000 v up to and including 300 kV	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
71	<a href="#">ETD 6(17474)</a>	Insulated Bushings for Alternating Voltages above 1 000 V Amendment - 1	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
72	<a href="#">ETD 6(17475)</a>	Locking devices for ball and socket couplings of string insulators units - Dimensions and tests	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
73	<a href="#">ETD 6(17477)</a>	Dimensions of Clevis and Tongue Couplings of String Insulator Units	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
74	<a href="#">ETD 6(17478)</a>	Artificial pollution tests on high - Voltage ceramic and glass insulators to be used on d.c. systems Amendment – 1	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
75	<a href="#">ETD 6(17551)</a>	Ball and socket couplings of string insulator units – Dimensions	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
76	<a href="#">ETD 6(17552)</a>	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
77	<a href="#">ETD 6(17553)</a>	Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for ac systems - Characteristics of insulator units of the cap and pin type	IEC TC- (P); IEC TC- 36A SC-36A (O)	<a href="#">Comment</a>
78	<a href="#">ETD 1(17699)</a>	Electrotechnical Vocabulary: Part 60 Equipment for Explosive Atmospheres Second Revision	IEC TC-13 (P)	<a href="#">Comment</a>
79	<a href="#">ETD 15(17738)</a>	Steam Turbine Part 1 Specifications first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>

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

80	<a href="#">ETD 15(17739)</a>	ROTATING ELECTRICAL MACHINES Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>
81	<a href="#">ETD 15(17752)</a>	ROTATING ELECTRICAL MACHINES Part 4 Electrically excited synchronous machine quantities Section 1 Test methods first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>
82	<a href="#">ETD 15(17753)</a>	ROTATING ELECTRICAL MACHINES Part 7: Classification of types of construction mounting arrangements and terminal box position IM Code Second revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>
83	<a href="#">ETD 15(17754)</a>	Gas turbines Acceptance tests first revision	IEC TC- (P); IEC TC- (P); IEC TC- (P); ISO TC-43 SC-1 (O)	<a href="#">Comment</a>
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD</a>				

### ICT/LITD

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

<b>Electronics and Information Technology Department (LITD)</b>				
Sl No	Document No	Title of the Doc	IEC/ISO	Give comments
1	<a href="#">LITD 6(17921)</a>	Hollow Metallic Waveguides Part 2 Relevant specifications for ordinary rectangular waveguides First Revision	IEC TC-SC 46A SC-(O); IEC TC-SC 46C SC-(O); IEC TC-SC 46F SC-(O)	<a href="#">Comment</a>
2	<a href="#">LITD 6(17923)</a>	Hollow Metallic Waveguides Part 7 Relevant specifications for flanges for circular waveguides First Revision	IEC TC-SC 46A SC-(O); IEC TC-SC 46C SC-(O); IEC TC-SC 46F SC-(O)	<a href="#">Comment</a>

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

3	<a href="#">LITD 6(17924)</a>	Flanges for waveguides Part 2 Relevant specifications for flanges for ordinary rectangular waveguides	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)	<a href="#">Comment</a>
4	<a href="#">LITD 6(17925)</a>	Flanges for waveguides Part 4 Relevant specifications for flanges for circular waveguides	IEC TC-SC 46A SC- (O); IEC TC-SC 46C SC- (O); IEC TC-SC 46F SC- (O)	<a href="#">Comment</a>
5	<a href="#">LITD 1(17874)</a>	Environmental testing - Part 2-10: Tests - Test J and guidance: Mould growth	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
6	<a href="#">LITD 1(17887)</a>	Environmental Testing Part 2 Tests Section 5 Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
7	<a href="#">LITD 1(17948)</a>	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 10 General Guidelines	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
8	<a href="#">LITD 1(17949)</a>	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 11 Fire Hazard Assessment	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
9	<a href="#">LITD 1(17950)</a>	Fire Hazard Testing Part 1 Guidance for assessing the fire hazard of electrotechnical products Section 30 Preselection testing process General guidelines	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
10	<a href="#">LITD 1(17984)</a>	Environmental Testing Part 2 Tests Section 1 Test A: Cold	IEC TC- 89 SC- (O); IEC TC-104 (P)	<a href="#">Comment</a>
11	<a href="#">LITD 3(17870)</a>	Modular order for the development of mechanical structures for electrical and electronic equipment practices Part 1: Generic standard	IEC TC- 48B SC- 48B (O); IEC TC- 48D SC- 48D (O); IEC TC-48 (O)	<a href="#">Comment</a>
12	<a href="#">LITD 10(17999)</a>	Code Of Practice For Installation And MAINTENANCE OF OUTDOOR POWER LINE CARRIER EQUIPMENT Part 1 LINE TRAPS	EC TC- 57 (P); IEC TC- SC-PC 118 (P)	<a href="#">Comment</a>
13	<a href="#">LITD 10(18006)</a>	CODE OF PRACTICE FOR INSTALLATION AND MAINTENANCE OF OUTDOOR POWER LINE CARRIER EQUIPMENT PART 3 COUPLING CAPACITORS CAPACITOR VOLTAGE TRANSFORMERS	EC TC- 57 (P); IEC TC- SC-PC 118 (P)	<a href="#">Comment</a>

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

14	<a href="#">LITD 13(17392)</a>	Information technology Generic cabling for customer premises Part 1: General requirements	ISO TC- 25 SC- 25 (P); ISO TC-6 SC-6 (P):	<a href="#">Comment</a>
15	<a href="#">LITD 13(17566)</a>	Information technology Generic cabling for customer premises Part 2: Office premises	ISO TC- 25 SC- 25 (P); ISO TC-6 SC-6 (P):	<a href="#">Comment</a>
16	<a href="#">LITD 30(17926)</a>	Information technology Big data reference architecture Part 1: Framework and application process	ISO/IEC TC-JTC 1 SC-SC 42 (P)	<a href="#">Comment</a>
17	<a href="#">LITD 30(17927)</a>	Information technology Artificial intelligence AI Use cases	ISO/IEC TC-JTC 1 SC-SC 42 (P)	<a href="#">Comment</a>
18	<a href="#">LITD 30(17928)</a>	Information technology Artificial intelligence Overview of trustworthiness in artificial intelligence	ISO/IEC TC-JTC 1 SC-SC 42 (P)	<a href="#">Comment</a>
19	<a href="#">LITD 30(17929)</a>	Artificial Intelligence AI Assessment of the robustness of neural networks Part 1: Overview	ISO/IEC TC-JTC 1 SC-SC 42 (P)	<a href="#">Comment</a>
20	<a href="#">LITD 35(17118)</a>	Electrotechnical vocabulary Part 871: Active assisted living AAL	IEC TC-IEC SyC AAL (P)	<a href="#">Comment</a>
21	<a href="#">LITD 35(17123)</a>	Active assisted living AAL use cases	IEC TC-IEC SyC AAL (P)	<a href="#">Comment</a>
22	<a href="#">LITD 36(16698)</a>	Information technology Office equipment Accessibility guidelines for older persons and persons with disabilities	ISO/IEC/JTC1 TC-SC-23 ISO/IEC/JTC1 TC-SC-28 (P); ISO/IEC/JTC1 TC-SC-35 (P)	<a href="#">Comment</a>
23	<a href="#">LITD 10(17093)</a>	Guidelines for SCADA system displays	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	<a href="#">Comment</a>
24	<a href="#">LITD 11(17658)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 31 Tensile strength (First Revision)	IEC TC- 86 (P); IEC TC- 86A SC-86A (P); IEC TC- 86C SC-86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>

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

25	<a href="#">LITD 11(17659)</a>	Guidelines for SCADA system displays	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
26	<a href="#">LITD 11(17660)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 40 Attenuation measurement methods First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
27	<a href="#">LITD 11(17661)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 49 Differential mode delay First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
28	<a href="#">LITD 11(17662)</a>	Calibration of fibre-optic power meters Superseding IS 14976: 2012	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
29	<a href="#">LITD 11(17663)</a>	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)	<a href="#">Comment</a>
30	<a href="#">LITD 12(17678)</a>	Methods of measurement for radio transmitters Part 5: Bandwidth out-of-band power and power of non-essential oscillations along with Amendments 1 :1974 Supplement 2A:1969 2AAMD 1:1973 2B:1969	IEC TC- 103 (O)	<a href="#">Comment</a>
31	<a href="#">LITD 12(17679)</a>	Methods of measurement for radio transmitters Part 6 : Wanted and unwanted modulation along with Supplement 3A:1971 3B:1972	IEC TC- 103 (O)	<a href="#">Comment</a>

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

32	<a href="#">LITD 12(17682)</a>	Methods of measurement for radio transmitters Part 7: Amplitude-frequency characteristics and non-linearity distortion in transmitters for radiotelephony and sound broadcasting along with Supplement 4A : 1973	IEC TC- 103 (O)	<a href="#">Comment</a>
33	<a href="#">LITD 12(17683)</a>	Methods of measurement for radio transmitters Part 8: Performance characteristics of television transmitters	IEC TC- 103 (O)	<a href="#">Comment</a>
34	<a href="#">LITD 12(17684)</a>	Methods of measurement for radio transmitters Part 9: Cabinet radiation at frequencies between 130 kHz and 1 GHz	IEC TC- 103 (O)	<a href="#">Comment</a>
35	<a href="#">LITD 12(17685)</a>	Methods of measurement for radio transmitters Part 10: Cabinet radiation at frequencies above 1 GHz along with Supplement 7A :1980	IEC TC- 103 (O)	<a href="#">Comment</a>
36	<a href="#">LITD 12(17686)</a>	Methods of measurement for radio transmitters Part 11: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers	IEC TC- 103 (O)	<a href="#">Comment</a>
37	<a href="#">LITD 12(17687)</a>	Methods of measurement of radio transmitters Part 12: Performance characteristics for television transposers	IEC TC- 103 (O)	<a href="#">Comment</a>
38	<a href="#">LITD 12(17688)</a>	Methods of measurement for radio transmitters Part 13: Methods of measurement for television transmitters and transposers employing insertion test signals	IEC TC- 103 (O)	<a href="#">Comment</a>
39	<a href="#">LITD 12(17690)</a>	Methods of measurement for radio transmitters Part 14: Transposers for FM sound broadcasting	IEC TC- 103 (O)	<a href="#">Comment</a>
40	<a href="#">LITD 12(17691)</a>	Methods of measurement for radio transmitters Part 17: External intermodulation products caused by two or more transmitters using the same or adjacent antennas	IEC TC- 103 (O)	<a href="#">Comment</a>
41	<a href="#">LITD 12(17692)</a>	Methods of measurement for radio transmitters Part 18: Amplitude-modulated transmitters for sound broadcasting	IEC TC- 103 (O)	<a href="#">Comment</a>

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

42	<a href="#">LITD 1(17700)</a>	Environmental Testing Part 1 General and Guidance	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	<a href="#">Comment</a>
43	<a href="#">LITD 1(17874)</a>	Environmental testing - Part 2-10: Tests - Test J and guidance: Mould growth	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	<a href="#">Comment</a>
44	<a href="#">LITD 23(16472)</a>	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)	<a href="#">Comment</a>
45	<a href="#">LITD 29(16818)</a>	Blockchain and distributed ledger technologies Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems		<a href="#">Comment</a>
46	<a href="#">LITD 10(17093)</a>	Guidelines for SCADA system displays	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	<a href="#">Comment</a>
47	<a href="#">LITD 10(17494)</a>	Systems Interface between customer energy management and the power management system - Part 10-1: Open Automated Demand Response	IEC TC- 57 (P); IEC TC- SC-PC 118 (P); IEC TC-SyC	<a href="#">Comment</a>
48	<a href="#">LITD 11(17658)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 31 Tensile strength(First Revision)	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>

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

49	<a href="#">LITD 11(17659)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 32 Coating strippability First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
50	<a href="#">LITD 11(17660)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 40 Attenuation measurement methods First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
51	<a href="#">LITD 11(17661)</a>	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 49 Differential mode delay First Revision	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
52	<a href="#">LITD 11(17662)</a>	Calibration of fibre-optic power meters Superseding IS 14976: 2012	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	<a href="#">Comment</a>
53	<a href="#">LITD 11(17663)</a>	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)	<a href="#">Comment</a>
54	<a href="#">LITD 12(17683)</a>	Methods of measurement for radio transmitters Part 8: Performance characteristics of television transmitters	IEC TC- 103 (O)	<a href="#">Comment</a>
55	<a href="#">LITD 12(17684)</a>	Methods of measurement for radio transmitters Part 9: Cabinet radiation at frequencies between 130 kHz and 1 GHz	IEC TC- 103 (O)	<a href="#">Comment</a>

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

56	<a href="#">LITD 12(17685)</a>	Methods of measurement for radio transmitters Part 10: Cabinet radiation at frequencies above 1 GHz along with Supplement 7A :1980	IEC TC- 103 (O)	<a href="#">Comment</a>
57	<a href="#">LITD 12(17686)</a>	Methods of measurement for radio transmitters Part 11: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers	IEC TC- 103 (O)	<a href="#">Comment</a>
58	<a href="#">LITD 12(17687)</a>	Methods of measurement of radio transmitters Part 12: Performance characteristics for television transposers	IEC TC- 103 (O)	<a href="#">Comment</a>
59	<a href="#">LITD 12(17688)</a>	Methods of measurement for radio transmitters Part 13: Methods of measurement for television transmitters and transposers employing insertion test signals	IEC TC- 103 (O)	<a href="#">Comment</a>
60	<a href="#">LITD 12(17690)</a>	Methods of measurement for radio transmitters Part 14: Transposers for FM sound broadcasting	IEC TC- 103 (O)	<a href="#">Comment</a>
61	<a href="#">LITD 12(17691)</a>	Methods of measurement for radio transmitters Part 17: External intermodulation products caused by two or more transmitters using the same or adjacent antennas	IEC TC- 103 (O)	<a href="#">Comment</a>
62	<a href="#">LITD 12(17692)</a>	Methods of measurement for radio transmitters Part 18: Amplitude-modulated transmitters for sound broadcasting	IEC TC- 103 (O)	<a href="#">Comment</a>
63	<a href="#">LITD 1(17700)</a>	Environmental Testing Part 1 General and Guidance	ISO TC- 25 SC- 25 (P); ISO TC- 35 SC- 35 (P); ISO TC- 6 SC- 6 (O); ISO/IEC/JTC1 TC-6 SC-6 (P); ISO TC-6 SC-6 (P)	<a href="#">Comment</a>
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/66/3/LITD">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/66/3/LITD</a>				

### Transport (TED)

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

<b>Transport Engineering Department (TED)</b>
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## Annexure-1: Standards by BIS, ARAI and TSDSI

S.No.	Document No	Title of the Doc	IEC/ISO	Give comments
1	<a href="#">TED 7(17981)</a>	Automotive vehicles - Valves and valve accessories for pneumatic tyres - Specification (Fifth Revision) Amendment - 1	ISO TC- 22 (P); ISO TC- 19 SC- 19 (O); ISO TC- 31 (P); ISO TC- 3 SC- 3 (P); ISO TC- 34 SC- 34 (P); ISO TC- 5 SC- 5 (O); ISO TC- 6 SC- 6 (O); ISO TC- 7 SC- 7 (O); ISO TC- 9 SC- 9 (P); ISO TC- 10 SC- 10 (P):	<a href="#">Comment</a>
2	<a href="#">TED 11(16959)</a>	Road vehicles Fuse-links Part 3: Fuse-links with tabs Blade type Type C Medium Type E High current Type F miniature Type N and Type P Sub-miniature	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)	<a href="#">Comment</a>
3	<a href="#">TED 18(17788)</a>	Inflatable boats Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
4	<a href="#">TED 18(18027)</a>	Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
5	<a href="#">TED 18(18029)</a>	Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
6	<a href="#">TED 18(18030)</a>	Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
7	<a href="#">TED 29(18041)</a>	Automotive vehicles - Locking systems and door retention components - General requirements (First Revision) Amendment - 1	ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P); ISO TC-22 SC-10 (O):	<a href="#">Comment</a>
8	<a href="#">TED 2(17750)</a>	Method of test for full-flow lubricating oil filters for internal combustion engines - Part 5: Test for hydraulic pulse durability	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)	<a href="#">Comment</a>

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

9	<a href="#">TED 2(17755)</a>	Internal combustion engines - Piston rings - Part 2: Inspection measuring principles	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)	<a href="#">Comment</a>
10	<a href="#">TED 2(17757)</a>	Reciprocating internal combustion engines Exhaust emission measurement Part 1: Test bed measurement systems of gaseous and particulate emissions	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)	<a href="#">Comment</a>
11	<a href="#">TED 2(17758)</a>	Reciprocating internal combustion engines Exhaust emission measurement 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)	<a href="#">Comment</a>
12	<a href="#">TED 2(17759)</a>	Reciprocating internal combustion engine driven alternating current generating sets Part 3: Alternating current generators for generating sets	ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)	<a href="#">Comment</a>
13	<a href="#">TED 18(17786)</a>	Inflatable boats - Part 1: Boats with a maximum motor power rating of 4.5 kW	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
14	<a href="#">TED 18(17787)</a>	Inflatable boats Part 2: Boats with a maximum motor power rating of 4.5 kW to 15 kW inclusive	ISO TC- 8 (P); ISO TC- 7 SC- 7 (P); ISO TC- 11 SC- 11 (P); ISO TC- 188 (O)	<a href="#">Comment</a>
15	<a href="#">TED 6(14012)</a>	Requirements of Temporary Cabin for Drive-Away-Chassis Configuration 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)	<a href="#">Comment</a>
16	<a href="#">TED 6(17822)</a>	Amendment No.1 To IS 16712:2018 AUTOMOTIVE VEHICLES — SPRAY SUPPRESSION SYSTEMS FOR TWO WHEELED MOTOR 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)	<a href="#">Comment</a>

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

17	<a href="#">TED 6(17824)</a>	Amendment No.1 To IS 13942 (Part 1):2020 Automotive Vehicles – External Projections Part 1- Performance Requirements for vehicles of categories M1	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)	<a href="#">Comment</a>
18	<a href="#">TED 6(17825)</a>	Amendment No.1 To IS 15943:2012 AUTOMOTIVE VEHICLES — HAND-HOLDS FOR THREE, FOUR AND MORE THAN FOUR WHEELED MOTOR VEHICLES — SPECIFICATION	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)	<a href="#">Comment</a>
19	<a href="#">TED 6(17826)</a>	Amendment No.1 To IS 13942 (Part 2):2020 Automotive Vehicles – External Projections Part 2- Performance Requirements for vehicles of categories other than M1	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)	<a href="#">Comment</a>
20	<a href="#">TED 29(17481)</a>	Road vehicles Airbag components Part 1: Vocabulary	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	<a href="#">Comment</a>
21	<a href="#">TED 29(17484)</a>	ROAD VEHICLES AIRBAG COMPONENTS PART 2: TESTING OF AIRBAG MODULES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	<a href="#">Comment</a>
22	<a href="#">TED 29(17485)</a>	ROAD VEHICLES AIRBAG COMPONENTS PART 3: TESTING OF INFLATOR ASSEMBLIES	ISO TC- 36 SC- 36 (P); ISO TC- 12 SC- 12 (P); ISO TC- 10 SC- 10 (O); ISO TC- 22 (P); ISO TC-22 SC-36 (P); ISO TC-22 SC-12 (P) ISO TC-22 SC-10 (O):	<a href="#">Comment</a>
23	<a href="#">TED 16(17585)</a>	Cycles - Safety requirements for bicycles for young children (First Revision) Amendment – 1	ISO TC-31 SC-10 (P); ISO TC-149 (P); ISO TC-149 SC-1 (P)	<a href="#">Comment</a>

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

24	<a href="#">TED 16(17674)</a>	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES	ISO TC-31 SC-10 (P); ISO TC-149 (P); ISO TC-149 SC-1 (P)	<a href="#">Comment</a>
25	<a href="#">TED 14(16884)</a>	Unmanned Aerial Vehicles (UAV) - General Requirements	ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (P); ISO TC- 6 SC- 6 (O); ISO TC- 8 SC- 8 (P); ISO TC- 9 SC- 9 (O); ISO TC- 10 SC- 10 (P); ISO TC- 13 SC- 13 (P); ISO TC- 14 SC- 14 (P); ISO TC- 8 SC- 8 (O); ISO TC- 20 (O); ISO TC- 31 (P); ISO TC- 192 (P); ISO TC-20 SC-1 (P); ISO TC-20 SC-4 (P); ISO TC-20 SC-6 (O); ISO TC-20 SC-8 (O); ISO TC-20 SC-8 (P); ISO TC-20 SC-9 (O); ISO TC-20 SC-10 (P); ISO TC-20 SC-13 (P); ISO TC-20 SC-14 (P); ISO TC-31 SC-8 (O)	<a href="#">Comment</a>
26	<a href="#">TED 14(17604)</a>	Unmanned Aerial Vehicles UAV - Drones for Agricultural Purposes	ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (P); ISO TC- 6 SC- 6 (O); ISO TC- 8 SC- 8 (P); ISO TC- 9 SC- 9 (O); ISO TC- 10 SC- 10 (P); ISO TC- 13 SC- 13 (P); ISO TC- 14 SC- 14 (P); ISO TC- 8 SC- 8 (O); ISO TC- 20 (O); ISO TC- 31 (P); ISO TC- 192 (P); ISO TC-20 SC-1 (P); ISO TC-20 SC-4 (P); ISO TC-20 SC-6 (O); ISO TC-20 SC-8 (O); ISO TC-20 SC-8 (P); ISO TC-20 SC-9 (O); ISO TC-20 SC-10 (P); ISO TC-20 SC-13 (P);	<a href="#">Comment</a>

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

			ISO TC-20 SC-14 (P); ISO TC-31 SC-8 (O)	
27	<a href="#">TED 2(17750)</a>	Method of test for full-flow lubricating oil filters for internal combustion engines - Part 5: Test for hydraulic pulse durability	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)	<a href="#">Comment</a>
28	<a href="#">TED 2(17755)</a>	Internal combustion engines - Piston rings - Part 2: Inspection measuring principles	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)	<a href="#">Comment</a>
29	<a href="#">TED 2(17757)</a>	Reciprocating internal combustion engines Exhaust emission measurement Part 1: Test bed measurement systems of gaseous and particulate emissions	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)	<a href="#">Comment</a>
30	<a href="#">TED 2(17758)</a>	Reciprocating internal combustion engines Exhaust emission measurement 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)	<a href="#">Comment</a>
31	<a href="#">TED 2(17759)</a>	Reciprocating internal combustion engine driven alternating current generating sets Part 3: Alternating current generators for generating sets	ISO TC-22 (P); ISO TC-22 SC-34 (P); ISO TC-70 (P); ISO TC-70 SC-7 (P); ISO TC-70 SC-8 (P)	<a href="#">Comment</a>
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED</a>				

### Smart City/Civil Department (CED)

The following Draft Indian Standards were issued by CED 59-Smart Cities Sectional Committee of Civil engineering division council at BIS during the last quarter for eliciting technical comment:

Smart Cities				
S. No.	Document No	Title of the Doc	IEC/ISO	Give comments
No records found				
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/63/3/CED">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/63/3/CED</a>				

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

### Service Sector Department

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

<b>Services</b>				
S.No.	Document No	Title of the Doc	IEC/ISO	Give comments
1	<a href="#">SSD-II 1(17712)</a>	Indirect temperature-controlled refrigerated delivery services Land transport of parcels with intermediate transfer	ISO TC-315 (P)	<a href="#">Comment</a>
2	SSD-I 2(17743)	Tourism services Hotels and other types of tourism accommodation Vocabulary	ISO TC-228 (P)	<a href="#">Comment</a>
3	SSD-II 5(17747)	Healthcare organization management Requirements for patient-centred staffing	-	<a href="#">Comment</a>
4	<a href="#">SSD-I 2(17141)</a>	Adventure tourism Leaders Personnel competence	ISO TC-228 (P)	<a href="#">Comment</a>
5	<a href="#">SSD-I 2(17743)</a>	Tourism services Hotels and other types of tourism accommodation Vocabulary	ISO TC-228 (P)	<a href="#">Comment</a>
6	<a href="#">SSD-I 3(17289)</a>	Financial services International securities identification number ISIN	ISO TC-68 (P); ISO TC-222 (O):	<a href="#">Comment</a>
7	<a href="#">SSD-I 3(17290)</a>	Financial services Legal entity identifier LEI Part 1: Assignment	ISO TC-68 (P); ISO TC-222 (O):	<a href="#">Comment</a>
8	<a href="#">SSD-I 3(17291)</a>	Financial services Legal entity identifier LEI Part 2: Application in digital certificates	ISO TC-68 (P); ISO TC-222 (O):	<a href="#">Comment</a>
9	<a href="#">SSD-II 1(17288)</a>	Transportation of Over Dimensional Consignment by Road Guidelines		<a href="#">Comment</a>
10	<a href="#">SSD-II 5(17747)</a>	Healthcare organization management Requirements for patient-centred staffing		<a href="#">Comment</a>
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/107/3/SSD-I">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetail/107/3/SSD-I</a>				
<a href="https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetailcomm/402/3/SSD-II-1">https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetailcomm/402/3/SSD-II-1</a>				

### 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:

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

At Automotive Research Association of India (ARAI)			
S. No.	Department	Code	Title
1	Automotive	<a href="#">Draft Amd 1 to AIS-163</a>	Procedure for Type Approval of Special Purpose Vehicles (SPV's) for Compliance to Central Motor Vehicles Rules
2	Automotive	<a href="#">AIS-034 (Part 1) (Rev.2):2021/D2</a>	Provisions concerning the Approval of Filament Light Sources for use in Approved Lamp of Power-driven Vehicles and their Trailers
3	Automotive	<a href="#">AIS-034 (Part 2) (Rev. 2): 2021/D2</a>	Provisions concerning the Approval of Gas-discharge Light Sources for use in Approved Lamps of Power-driven Vehicles
4	Automotive	<a href="#">AIS-057 (Rev.2): 2021/D3</a>	Provisions concerning the Approval of Retro-Reflecting Devices for Power Driven Vehicles and their Trailers
5	Automotive	<a href="#">Draft AIS-009 (Rev 2): 2021/D3</a>	Automotive Vehicles - Installation Requirements of Lighting and Light-signalling Devices for Two and Three Wheeled L Category Motor Vehicles, and E-Rickshaw/E-Cart vehicles, their Trailers and Semi-Trailers
6	Automotive	<a href="#">Draft AIS-010 (Part 3) (Rev.2):2021/D3</a>	Provisions concerning the Approval of Front Position Lamps, Rear Position Lamps, Stop Lamps, Direction Indicators, Rear- Registration Plate Illuminating Devices and Reversing Lamp for Two and Three Wheeled Vehicles of Category L and E-Rickshaw/E-Cart and their Trailers and Semi-trailers
7	Automotive	<a href="#">Draft Amd 1 to AIS-135</a>	Fire Detection and Alarm System (FDAS) & Fire Detection and Suppression Systems (FDSS) for Buses – Requirements
8	Automotive	<a href="#">Draft AIS-166/DF/July 2021</a>	Automotive Vehicles – Protective Devices for Two Wheeled Motor Vehicles – Requirements
<a href="https://araiindia.com/downloads">https://araiindia.com/downloads</a>			

### ICT at TSDSI

"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
1	<a href="#">NIP 272</a>	Feasibility of Open-Source for 5G-Applications: RAN Intelligent Controller	TSDSI-SGSS-NIP272-V1.0.0-20210901	Accepted

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

2	<a href="#">NIP 268</a>	Feasibility of Open Source for IP Transport in 5G	TSDSI-SGN-NIP268-V1.0.0-20210810	Accepted
3	<a href="#">NIP 271</a>	Open Radio initiative: Towards a Open, Disaggregated RAN	TSDSI-SGN-NIP271-V1.0.0-20210805	Accepted
4	<a href="#">NIP 270</a>	Functional Split and Fronthaul Interface in FBS Driven C-RAN for 5G and Beyond	TSDSI-SGN-NIP270-V1.0.0-20210805	Accepted
5	<a href="#">NIP 269</a>	Bandwidth aggregation for 5G TV Broadcast from the co-located UEs	TSDSI-SGN-NIP269-V1.0.0-20210805	Accepted
6	<a href="#">NIP 267</a>	Inter-domain service automation (IDSA) (motivation microfinance)	TSDSI-SGSS-NIP267-V1.0.0-20210730	Accepted
7	<a href="#">NIP 264</a>	Study of existing ITU/IEEE standards on VLC/LiFi and gap analysis. Identification of Use cases from International and Indian Context	TSDSI-SGN-NIP264-V1.2.0-20210716	Accepted
8	<a href="#">NIP 260</a>	Use Cases and Trials – 5Gi for Automotive	TSDSI-SGSS-NIP260-V2.1.0-20210629	Accepted
9	<a href="#">NIP 261</a>	Technical Report for User Device Data Protection	TSDSI-SGSS-NIP261-V5.1.0-20210623	Accepted
10	<a href="#">NIP 266</a>	NIP for creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-NIP266-V1.1.0-20210617	Accepted

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

### “List of Study Item status update”

S. No.	Study Item	Name	Version	Status
1	<a href="#">SI91</a>	Service Delivery using 5G Broadcast for TV, Radio, IPTV and File-casting	TSDSI-SGSS-SI91-V1.0.0-20210623	Initiated
2	<a href="#">SI90</a>	Creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-SI90-V1.0.0-20210623	Initiated

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

### “List of SWIP Status Update”

S. No.	SWIP	Name	Version	Status
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## Annexure-1: Standards by BIS, ARAI and TSDSI

1	<a href="#">SWIC745</a>	Reference Model Clause 6	TSDSI-SGSS-SWIC745-V1.0.0-20210904	Accepted
2	<a href="#">SWIC746</a>	Architecture for a Pan-India PPDR network based on PS-LTE	TSDSI-SGSS-SWIC746-V1.0.0-20210904	Accepted
3	<a href="#">SWIC747</a>	User Data and Privacy Protection – Final TR submission for Approval	TSDSI-SGSS-SWIC747-V1.0.0-20210906	Accepted
4	<a href="#">SWIC748</a>	Study on Edge Intelligence standards for IIoT use cases	TSDSI-SGSS-SWIC748-V1.0.0-20210906	Accepted
5	<a href="#">SWIC749</a>	ILFTA	TSDSI-SGSS-SWIC749-V1.0.0-20210906	Accepted
6	<a href="#">SWIC750</a>	Text proposal for Draft Technical report on Service Delivery using 5G Broadcast for TV, Radio, IPTV and File-casting	TSDSI-SGSS-SWIC750-V1.0.0-20210906	Accepted
7	<a href="#">SWIC748</a>	Study on Edge Intelligence standards for IIoT use cases	TSDSI-SGSS-SWIC748-V1.0.1-20210906	Accepted
8	<a href="#">SWIC751</a>	Digital Process For Know Your Machine Custodian	TSDSI-SGSS-SWIC751-V1.0.0-20210907	Accepted
9	<a href="#">SWIC752</a>	Rural Broadband Services & Architecture	TSDSI-SGSS-SWIC752-V1.0.0-20210907	Accepted
10	<a href="#">SWIC746</a>	Architecture for a Pan-India PPDR network based on PS-LTE	TSDSI-SGSS-SWIC746-V1.1.0-20210908	Accepted
11	<a href="#">SWIC735</a>	ToC – SI 90 Creation of Edge Intelligence standards for latency and privacy management	TSDSI-SGSS-SWIC735-V1.0.0-20210730	Accepted
12	<a href="#">SWIC736</a>	Smartphone User Data & Privacy Protection	TSDSI-SGSS-SWIC736-V1.0.0-20210802	Accepted
13	<a href="#">SWIC737</a>	Open Disaggregated RAN	TSDSI-SGN-SWIC737-V1.0.0-20210802	Accepted
14	<a href="#">SWIC738</a>	SI73 Status report	TSDSI-SGN-SWIC738-V1.0.0-20210803	Accepted

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

15	<a href="#">SWIC739</a>	SI74 Status report	TSDSI-SGN-SWIC739-V1.0.0-20210803	Accepted
16	<a href="#">SWIC740</a>	6G KPIs	TSDSI-SGN-SWIC740-V1.0.0-20210803	Accepted
17	<a href="#">SWIC741</a>	Cloud Interoperability & Portability Standards Normative Standards	TSDSI-SGSS-SWIC741-V1.0.0-20210804	Accepted
18	<a href="#">SWIC742</a>	Baseline Requirements and High Level Architecture for NIP226 (5G Extensions for Broadcast Offload)	TSDSI-SGN-SWIC742-V1.0.0-20210809	Accepted
19	<a href="#">SWIC743</a>	ToC of the Study Report	TSDSI-SGN-SWIC743-V1.0.0-20210809	Accepted

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