Indian Standards

A Monthly Newsletter

Bureau of Indian Standards

01st June 2023 to 30th June 2023

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SUMMARY OF INDIAN STANDARDS

Issued Between 01st June 2023 to 30th June 2023

STANDARDSS: IN NUMBERS

The total numbers of new standards issued by the Bureau of Indian Standards in 01st June 2023 to 30th June 2023 are 54.

Sl. No.	Standard No.	Date of publish	Description
1	IS 18189: 2023 ISO/TR 22201-3: 2016	21-06-2023	This standard covers the manufacture, and chemical and physical requirements of Portland calcined clay limestone cement.
2	IS 18297: 2023 ISO 8102-1: 2020	27-06-2023	This standard lays down the requirements for materials, type, dimensions, finish and functional performance of cabinet hinges.
3	IS 8085 (Part 12): 2023 ISO 17175: 2017	06-06-2023	This Indian Standard (Part 12), which is identical with ISO 10765: 2010 'Footwear - Test method for the characterization of elastic materials - Tensile performance' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 10765: 2010 which specifies a test method for the determination of some typical parameters of elastics for footwear using the strength/elongation graph, which is obtained from the tensile strength test. This method is applicable to any elastic material used for footwear.
4	IS 8085 (Part 13): 2023 ISO 17697: 2016	06-06-2023	This Indian Standard (Part 13) which is identical with ISO 17697: 2016 'Footwear - Test methods for uppers, lining and in socks - Seam strength' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 17697: 2016 which specifies two test methods for determining the seam strength of uppers, lining or socks, irrespective of the material, in order to assess the suitability for end use.

Sl. No.	Standard No.	Date of publish	Description
5	IS 8085 (Part 17): 2023 ISO 21915-3: 2020	06-06-2023	This Indian Standard (Part 17) which is identical with ISO 22774 'Footwear - Test methods for accessories: shoe laces - Abrasion resistance' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 22774: 2004 which specifies three test methods for determining the abrasion resistance of a shoe lace to repeated rubbing.
6	IS 8085 (Part 18): 2023 ISO 22744-1: 2020	06-06-2023	This Indian Standard (Part 18) which is identical with ISO 22777: 2004 'Footwear - Test methods for accessories: Touch and close fasteners - Peel strength before and after repeated closing' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 22777: 2004 which specifies a test method for determining the peel strength of touch and close fasteners before and after repeated use.
7	IS 8085 (Part 15): 2023 ISO 22744-2: 2020	07-06-2023	This Indian Standard (Part 15) which is identical with ISO 19954: 2003 'Footwear - Test methods for whole shoe – was ability in a domestic washing machine' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 19954: 2003 which specifies a test method for the evaluation of the behaviour of footwear when subjected to domestic washing. The evaluation is based upon the modification of some characteristics measured before and after washing.

Sl. No.	Standard No.	Date of publish	Description
8	IS 8085 (Part 10): 2023	07-06-2023	This document (Part 10) which is identical with ISO 22650 'Footwear - Test methods for whole shoe - Heel attachment' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. Under the general title 'Method of test for footwear', this standard is being published in several other parts. This part is an adoption of ISO 22650: 2018 which specifies procedures for heel attachment for whole shoe.
9	IS 8085 (Part 9): 2023 ISO 14403-1: 2012	07-06-2023	This Indian Standard (Part 9) which is identical with ISO 17696 : 2004 'Footwear - Test methods for uppers, lining and in socks - Tear strength' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council.
10	IS 8085 (Part 14): 2023	07-06-2023	This Indian Standard (Part 14) which is identical with ISO 17699 : 2003 'Footwear - Test methods for uppers and lining - Water vapour permeability and absorption' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council.
11	IS 8085 (Part 16): 2023	07-06-2023	This Indian Standard (Part 16) which is identical with ISO 24266 : 2020 'Footwear - Test methods for whole shoe - Flexing durability' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council. The standard on 'Methods of test for footwear' has been published in several parts. This part is an adoption ISO 24266 which specifies two test methods for the determination of the flexing durability of whole shoes.

Sl. No.	Standard No.	Date of publish	Description
12	IS 8085 (Part 11): 2023 ISO 8820-6: 2019	09-06-2023	This document (Part 11) which is identical with ISO 24263 'Footwear - Attachment strength of straps, trims and accessories' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Footwear Sectional Committee and approval of the Chemical Division Council.
13	IS 15844 (Part 1): 2023 ISO 3908: 2009	14-06-2023	1.1 This standard prescribes the performance requirements of sports footwear used for general purposes (for example fitness, exercising, walking and light sports activities etc). 1.2 This standard does not cover the performance requirement for the following: a) Performance sports footwear (jogging, running including trail running, adventure sport, trekking, climbing and etc); and b) Professional sports footwear.
14	IS 15844 (Part 2): 2023	14-06-2023	1.1 This standard prescribes the performance requirements of performance sports footwear used for (jogging, running including trail running, adventure sport, trekking, climbing etc). 1.2 This standard does not cover the performance requirement for following: a) General purpose; and b) Professional sports footwear.
15	IS 18069 (Part 1): 2023	16-06-2023	This Indian Standard (Part 1) which is identical with ISO 8529-1: 2021 'Neutron Reference Radiations Fields - Part 1 Characteristics and Methods of Production' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Nuclear Energy for Peaceful Applications Sectional Committee and approval of the Chemical Division Council. This part specifies the neutron reference radiation fields, in the energy range from thermal up to 20 MeV, for calibrating neutron-measuring devices used for radiation protection purposes and for determining their response as a function of neutron energy. The neutron reference radiation fields specified are the following: a) neutron fields from radionuclide sources, including neutron fields from sources in a moderator; b) neutron fields produced by nuclear reactions with charged particles from accelerators; c) neutron fields from reactors.

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16	IS 18069 (Part 2): 2023 ISO 18894: 2018	16-06-2023	This Indian Standard (Part 2) which is identical with ISO 8529-2: 2000 'Reference neutron radiations - Part 2: Calibration fundamentals of radiation protection devices related to the Basic Quantities Characterizing the Radiation Field' issued by the ISO, was adopted by the Bureau of Indian Standards. On the recommendation of the Nuclear Energy for Peaceful Applications Sectional Committee and approval of the Chemical Division Council. This part specifies the procedures to be used for realizing the calibration conditions of radiation protection devices in neutron fields produced by these calibration sources, with particular emphasis on the corrections for extraneous effects (e.g., the neutrons scattered from the walls of the calibration room).
17	IS 18070: 2023	16-06-2023	This Indian Standard which is identical with ISO 29661: 2012 'Reference radiation fields for radiation protection - Definitions and fundamental concepts' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Nuclear Energy for Peaceful Applications Sectional Committee and approval of the Chemical Division Council. This standard defines terms and fundamental concepts for calibrating dose meters and equipment used for the radiation protection dosimetry of external radiation - particularly for beta, neutron, and photon radiation. It defines the measurement quantities for radiation protection dose meters and dose rate meters and gives recommendations for establishing these quantities. For individual monitoring, it covers whole body and extremity dose meters (including those for the skin and the eye lens), and portable and installed dose meters for area monitoring. Guidelines are given for calibrating dose meters and dose rate meters used for individual and area monitoring in reference radiation fields. Recommendations are made for the position of the reference point and the phantom to be used for personal dose meters. This standard also deals with the determination of the response as a function of radiation quality and angle of radiation incidence.

Sl. No.	Standard No.	Date of publish	Description
18	IS 18251: 2023	16-06-2023	This Indian Standard which is identical with ISO 22127: 2019 'Dosimetry with radio photo luminescent glass dosimeters for dosimetry audit in MV x-ray radiotherapy' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Nuclear Energy for Peaceful Applications Sectional Committee and approval of the Chemical Division Council. A radio photo luminescent glass dosimeter (RPLD) is a cumulative radiation dosimeter usually made of silver-activated phosphate glass. The silver atoms act as radio photoluminescence (RPL) centers excited by ionizing radiation. The number of RPL centers excited is proportional to the absorbed dose to the RPLD.
19	IS 5182 (Part 2/Sec 1): 2023 ISO 3369: 2006	09-06-2023	This standard (Part 2/Sec 1) prescribes the tetrachloromercurate/pararosaniline method for the measurement of concentration of sulphur dioxide (SO2) present in the ambient air.
20	IS 3025 (Part 79): 2023	08-06-2023	This standard (Part 79) describes the following four methods for the determination of silver in water and wastewater: a) Direct air-acetylene flame method; b) Extraction/air-acetylene flame method; c) Electro thermal atomic absorption spectrometric method; and d) Inductively coupled plasma method.
21	IS 18283: 2023 ISO 5183 - 1: 1998	15-06-2023	This standard prescribes the requirements of Field Test Kits (FTKs) for onsite testing of drinking water for measurement of specified parameters in drinking water.
22	IS 4665 (Part 2/Sec 1): 2023	07-06-2023	This Indian Standard (Part 2/ Sec 1) (First Revision) which is identical with IEC 60745-2-1: 2003 'Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills' issued by the International Electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Rotating Machinery Sectional Committee and approval of the Electro technical Division Council. This standard was first published as IS 4665 (Part 2) : 1984 ''and it was based on CEE Pub 20 II-1975 BS 2769: 1964. This revision has been undertaken to align this standard with the latest version of IEC 60745-2-1.
23	IS 4665 (Part 2/Sec 2): 2023	07-06-2023	This Indian Standard (Part 2/ Sec 2) (First Revision) which is identical with IEC 60745-2- 2: 2003 'Hand-held motor-operated electric tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact

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			wrenches' issued by the International Electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Rotating Machinery Sectional Committee and approval of the Electro technical Division Council. This standard was first published in 1984 and it was based on CEE Pub 20 II-1975 BS 2769: 1964. This revision has been undertaken to align this standard with the latest version of IEC 60745-2-2.
24	IS 15999 (Part 20/Sec 1): 2023 ISO 10399: 2017	15-06-2023	This Standard (Part 20/Sec 1) (First Revision) which is identical with IEC TS 60034-20-1: 2002 'Rotating electrical machines - Part 20-1: Control motors - Stepping motors' issued by the International Electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Rotating Machinery Sectional Committee and approval of the Electro technical Division Council. The text of the IEC standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'. b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.
25	IS 4665 (Part 2/Sec 6): 2023 ISO 8430-1: 2016	15-06-2023	This Standard (Part 2/ Sec 6) (First Revision) which is identical with IEC 60745-2- 6: 2003 'Handheld motor-operated electric tools - Safety - Part 2-6: Particular requirements for hammers' issued by the International Electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Rotating Machinery Sectional Committee and approval of the Electro technical Division Council. This standard was first published as IS 4665 (Part 2): 1984 and it was based on CEE Pub 20 II-1975 BS 2769: 1964. This revision has been under taken to align this standard with the latest version of IEC 60745-2-6.
26	IS 18284: 2023	16-06-2023	1.1 This code gives the guidelines along with tests including failure analysis and record-keeping for the repair of liquid-immersed, dry-type, outdoor/indoor type, stacked core/wound core with CRGO or amorphous core material, double wound distribution transformers with nominal system voltages up to and including 33 kV and of the following types and ratings: a) Liquid-immersed: Oil/Natural Ester/Synthetic-Organic Ester:

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			1) Three-phase ratings: up to and including 2 500 kVA (both sealed and non-sealed); and 2) Single phase ratings: up to and including 100 kVA (sealed type). b) Dry-Type: 1) Three-phase ratings: up to and including 3 150 kVA; and 2) Single phase ratings: up to and including 100 kVA. 1.2 This standard does not apply to transformers which are excluded from the scope of IS 1180 series (see NOTE 1, Clause 1 of IS 1180 series standards).
27	IS/IEC 62858: 2019 ISO TR 20831: 2017	15-06-2023	This Indian Standard which is identical with IEC 62858: 2019 'Lightning density based on lightning location systems - General principles' issued by the International electro technical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Electrical installation Sectional Committee and approval of the electro technical Division Council. The text of the IEC standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'; and b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.
28	IS 18286: 2023 ISO 349: 2020	21-06-2023	1.1 This Indian Standard specifies the general requirements and test methods for manually operated serviceable plastics valves intended for operation in agricultural irrigation systems. It is applicable to manually operated plastics valves of diameter nominal (DN) 8 (1/4") to diameter nominal 110 (4") including angle, globe, diaphragm and ball valves. 1.2 The valves are intended for installation in irrigation piping networks, using water at temperatures from 5 °C to 60 °C. Nominal pressures of the valves are as designated by the manufacturer.
29	IS 18246: 2023 ISO 16632: 2021	02-06-2023	This standard prescribes the requirements and the methods of sampling and test for ready to use idli batter.

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30	IS 18253: 2023 ISO 12108: 2018	02-06-2023	This standard prescribes the requirements and methods of sampling and test for ready to use dosa batter.
31	IS 18273 (Part 5): 2023 IEC 60974-6: 2015	21-06-2023	This Indian Standard (Part 5) which is identical with ISO/TS 20224-5: 2020 'Molecular biomarker analysis - Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR - Part 5: Goat DNA detection method' issued by the ISO was adopted by the Bureau of Indian Standards on recommendation of the Biotechnology for Food and Agriculture Sectional Committee and approval of the Food and Agriculture Division Council. This Indian Standard is published in nine parts as adoptions of the corresponding parts of ISO/TS 20224. The other parts in this series are: Part 1 Bovine DNA detection method Part 2 Ovine DNA detection method Part 3 Porcine DNA detection method Part 4 Chicken DNA detection method Part 6 Horse DNA detection method Part 7 Donkey DNA detection method Part 8 Turkey DNA detection method Part 9 Goose DNA detection method
32	IS/ISO/IEC 30118-1: 2021 ISO 8587: 2006	15-06-2023	This Indian Standard (Part 1) which is identical with ISO/IEC 30118-1: 2021 'Information technology - Open connectivity foundation (OCF) specification - Part 1: Core specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - Open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to All joyn interface mapping specification Part 8 OCF resource to oneM2M resource mapping specification Part 14 OCF resource to BLE mapping specification

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			Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to U Plus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification
33	IS/ISO/IEC 30118-3: 2021 ISO 11036: 1994	15-06-2023	This Indian Standard (Part 3) which is identical with ISO/IEC 30118-3: 2021 'Information technology - Open connectivity foundation (OCF) specification - Part 3: Bridging specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - Open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to Alljoyn interface mapping specification Part 8 OCF resource to oneM2M resource mapping specification Part 14 OCF resource to BLE mapping specification Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to UPlus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification

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			c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification
34	IS/ISO/IEC 30118-4: 2021 ISO 16948: 2015	15-06-2023	This Indian Standard (Part 4) which is identical with ISO/IEC 30118-4: 2021 'Information technology - Open connectivity foundation (OCF) specification - Part 4: Resource Type Specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - Open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to Alljoyn interface mapping specification Part 8 OCF resource to one M2M resource mapping specification Part 14 OCF resource to BLE mapping specification Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to UPlus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud

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			Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification
35	IS/ISO/IEC 30118-7: 2021 ISO 16995: 2015	15-06-2023	This Indian Standard (Part 7) which is identical with ISO/IEC 30118-7 : 2021 'Information technology - open connectivity foundation (OCF) specification - Part 7: Wi-Fi easy setup specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to Alljoyn interface mapping specification Part 8 OCF resource to oneM2M resource mapping specification Part 14 OCF resource to BLE mapping specification Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to UPlus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification

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36	IS/ISO/IEC 30118-8: 2021	15-06-2023	This Indian Standard (Part 8) which is identical with ISO/IEC 30118-8 : 2021 'Information technology - Open connectivity foundation (OCF) specification - Part 8: OCF Resource to oneM2M Resource Mapping Specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - Open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to Alljoyn interface mapping specification Part 8 OCF resource to oneM2M resource mapping specification Part 14 OCF resource to BLE mapping specification Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to UPlus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification
37	IS/ISO/IEC 30118-13: 2021	16-06-2023	This Indian Standard (Part 13) which is identical with ISO/IEC 30118-13 : 2021 'Information technology - Open connectivity foundation (OCF) specification - Part 13: On boarding tool specification' issued by the ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian

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			Standards on the recommendations of Internet of Things and Related Technologies Sectional Committee and approval of the Electronics and Information Technology Division Council. This Indian Standard has been issued in 18 parts under the general title 'Information technology - Open connectivity foundation (OCF) specification'. The parts fall into logical groupings as described here in: a) Core framework Part 1 Core specification Part 2 Security specification Part 13 On boarding tool specification b) Bridging framework and bridges Part 3 Bridging specification Part 6 Resource to Alljoyn interface mapping specification Part 8 OCF resource to oneM2M resource mapping specification Part 14 OCF resource to BLE mapping specification Part 15 OCF resource to EnOcean mapping specification Part 16 OCF resource to UPlus mapping specification Part 17 OCF resource to Zigbee cluster mapping specification Part 18 OCF resource to Z-Wave mapping specification c) Resource and Device models Part 4 Resource type specification Part 5 OCF device specification d) Core framework extensions Part 7 Wi-Fi easy setup specification Part 9 Core optional specification e) OCF Cloud Part 10 Cloud API for cloud services specification Part 11 Device to cloud services specification Part 12 Cloud security specification
38	IS/ISO/IEC/TR 24368: 2022	08-06-2023	This Indian Standard which is identical with ISO/IEC TR 24368: 2022 'Information technology - Artificial intelligence - Overview of ethical and societal concerns' issued by ISO and International Electro technical Commission (IEC) jointly was adopted by the Bureau of Indian Standards on the recommendations of the Artificial Intelligence Sectional Committee, and approval of the Electronics and Information Technology Division Council. The text of ISO/IEC standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention

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			is particularly drawn to the following: a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'; and b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
39	IS/ISO 3669: 2020	20-06-2023	This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Chemical Engineering Plants and Related Equipment Sectional Committee had been approved by the Mechanical Engineering Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standard. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Indian Standard'. b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
40	IS/ISO 4126-1: 2013 IEC 60974-4: 2016	20-06-2023	This Indian Standard (Part 1) which is identical with ISO 4126-1: 2013 'Safety devices for protection against excessive pressure' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Chemical Engineering Plants and Related Equipment Sectional Committee and approval of the Mechanical Engineering Division Council. This standard on 'Safety devices for protection against excessive pressure: Part 1 Safety valves' is one of the series of standards on safety devices for protection against excessive pressure. Other parts of this standard are: Part 2 Bursting disc safety devices Part 3 Safety valves and bursting disc safety devices in combination Part 4 Pilot operated safety valves Part 5 Controlled safety pressure relief systems (CSPRS) Part 6 Application, selection and installation of bursting disc safety devices
41	IS 12370 (Part 2): 2023	21-06-2023	This Indian Standard which is identical with ISO 4126-2: 2018 'Safety devices for protection against excessive pressure - Part 2: Bursting disc safety devices' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the

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			Chemical Engineering Plants and Related Equipment Sectional Committee and approval of the Mechanical Engineering Division Council. This standard was originally published in 1988. The second revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 4126-2: 2018. The standard is being bifurcated into six parts in this revision.
42	IS 12370 (Part 3): 2023	22-06-2023	This Indian Standard which is identical with ISO 4126-3: 2020 'Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Chemical Engineering Plants and Related Equipment Sectional Committee and approval of the Mechanical Engineering Division Council. This standard was originally published in 1988. The second revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 4126-3: 2020. The standard is being bifurcated into six parts in this revision.
43	IS/ISO 23632 2021	21-06-2023	This Indian Standard which is identical with ISO 23632: 2021 'Industrial valves - Design validation - Testing of valves' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Chemical Engineering Plants and Related Equipment Sectional Committee and approval of the Mechanical Engineering Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standard. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Indian Standard'. b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
44	IS 17859 (Part 3): 2023 ISO 3071: 2020	16-06-2023	This Indian Standard (Part 3) which is identical with ISO 3630-3: 2021 'Dentistry - Endodontic instruments - Part 3: Compactors' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Dentistry Sectional Committee and after approval of the Medical

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			Equipment and Hospital Planning Division Council. This standard supersedes IS 5179: 1986 Specification for Pluggers, Root Canal, Dental, PLG No. 1, 2 and 3. After publication of this standard, IS 5179: 1986 stands withdrawn.
45	IS 18191: 2023 ISO 1825: 2017	16-06-2023	This Indian Standard which is identical adoption of ISO 16443: 2014 'Dentistry - Vocabulary for dental implants systems and related procedure' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Dentistry Sectional Committee and after approval of the Medical Equipment and Hospital Planning Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
46	IS 18216: 2023 ISO 6134: 2017	16-06-2023	This Indian Standard which is identical with ISO/TS 16791: 2020 'Health informatics - Requirements for international machine-readable coding of medicinal product package identifiers' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Health Informatics Sectional Committee and after approval of the Medical Equipment and Hospital Planning Division Council. This standard supersedes IS/ISO/TS 16791: 2014, published in 2018 as an identical adoption of ISO/TS 16791: 2014 'Health informatics - Requirements for international machine-readable coding of medicinal product package identifiers'. Upon publication of this standard, IS/ISO/TS 16791: 2014 shall stand withdrawn.
47	IS 18218 (Part 2): 2023 ISO 7404-1: 2016	16-06-2023	This Indian Standard (Part 2) which is identical with ISO/TR 11633-2: 2021 'Health informatics - Information security management for remote maintenance of medical devices and medical information systems - Part 2: Implementation of an information security management system (ISMS)' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Health Informatics Sectional Committee and after approval of the Medical Equipment and Hospital Planning Division Council.

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			This standard supersedes IS/ISO/TR 11633-2: 2009 which was published in 2018 as an identical adoption of ISO/TR 11633-2: 2019 'Health informatics - Information security management for remote maintenance of medical devices and medical information systems - Part 2: Implementation of an information security management system (ISMS)'. Upon publication of this standard, IS/ISO/TR 11633- 2: 2009 shall stand withdrawn.
48	IS 18217: 2023 ISO 1013: 2020	16-06-2023	This Indian Standard which is identical adoption of ISO 20888: 2020 'Dentistry vocabulary and designation system for forensic or-dental data' issued by the ISO, was adopted by the Bureau of Indian Standards on the recommendation of the Dentistry Sectional Committee and after approval of the Medical Equipment and Hospital Planning Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
49	IS 1447 (Part 5): 2023 ISO 22514-3: 2020	02-06-2023	This Indian Standard (Part 5) which is identical with ISO 23572: 2020 'Petroleum products - Lubricating greases - Sampling of greases' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Methods for Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (Excluding Bitumen) Sectional Committee and approval of the Petroleum, Coal and Related Products Division Council. This standard is one of the series of Indian Standards on 'Methods of sampling of petroleum and its products' IS 1447. Other parts in this series are: Part 1 Manual sampling Part 2 Liquefied petroleum gases - Method of sampling Part 3 Method of sampling of semi-solid and solid petroleum products Part 4 Sampling of petroleum coke for laboratory analysis
50	IS 1448 (Part 192): 2023 ISO 5667-12: 2017	02-06-2023	This Indian Standard which is identical with ISO 22285: 2018 'Petroleum products and lubricants - Determination of oil separation from grease - Pressure filtration method' issued by the ISO was

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			adopted by the Bureau of Indian Standards on recommendation of the Methods for Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (Excluding Bitumen) Sectional Committee and approval of the Petroleum, Coal and Related Products Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'. b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
51	IS 1448 (Part 193): 2023	05-06-2023	This Indian Standard (Part 193) which is identical with ISO 22286: 2018 'Petroleum products and lubricants - Determination of the dropping point of grease with an automatic apparatus' issued by the ISO was adopted by the Bureau of Indian Standards on recommendation of the Methods for Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (Excluding Bitumen) Sectional Committee and approval of the Petroleum, Coal and Related Products Division Council. The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following: a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'. b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.
52	IS 15503 (Part 3): 2023 ISO 10113: 2020	02-06-2023	This Indian Standard (Part 3) which is identical with ISO 9186-3: 2014 'Graphical symbols - Test methods - Part 3: Method for testing symbol referent association' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Basic Standards Sectional Committee and approval of the Production and General Engineering Division Council. This standard is published in three parts. Other parts in this series are: Part 1 Method for testing comprehensibility Part 2 Method for testing perceptual quality

Sl. No.	Standard No.	Date of publish	Description
53	IS 16881 (Part 3): 2023	02-06-2023	This Indian Standard (Part 3) which is identical with ISO 28564-3: 2019 'Public information guidance systems Part 3: Guidelines for the design and use of information index signs' issued by the ISO was adopted by the Bureau of Indian Standards on the recommendation of the Basic Standards Sectional Committee and approval of the Production and General Engineering Division Council. This Standard is published in three parts. Other parts in this series are: Part 1 Design principles and element requirements for location plans, maps and diagrams Part 2 Guidelines for the design and use of location signs and direction signs
54	IS 18230: 2023 ISO 15883-6: 2011	14-06-2023	This Indian Standard is a modified adoption of International Standard ISO 18513: 2021 'Tourism services - Hotels and other types of tourism accommodation - Vocabulary'. The Bureau of Indian Standards adopted this standard on recommendation of the Travel, Tourism & Hospitality Related Services Sectional Committee and approval of the Services Sector Division Council. This standard has been prepared as a modified standard of ISO 18513 in order to address needs of industry and to increase acceptance of the standard in the country. Certain modifications due to particular needs of industry have been made. These technical deviations have been incorporated and are marked by a single bar in the margin. A complete list of modifications, together with their justification, is given in Annex A. This document contains definitions of a number of terms commonly used in the tourism industry. The document is designed to facilitate understanding between the users and providers of tourism services.

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