

# Library News



Sri Lanka Standards Institution



Documentation & Information Division

## ISO Standards Published in March 2023

### NEW ISO Standards

List of ISO standards and other deliverables published between 2023-02-27 and 2023-03-05

Reference	Committee	Title
ISO/CIE 23539:2023	CIE	Photometry — The CIE system of physical photometry
ISO/IEC 22121-2:2023	ISO/IEC JTC 1/SC 35	Information technology — Virtual keyboards user interfaces — Part 2: On-screen keyboards with direct touch interface
ISO 5593:2023	ISO/TC 4	Rolling bearings — Vocabulary
ISO 11154:2023	ISO/TC 22/SC 40	Road vehicles — Roof load carriers
ISO 24363:2023	ISO/TC 34/SC 11	Determination of fatty acid methyl esters ( <i>cis</i> and <i>trans</i> ) and squalene in olive oil and other vegetable oils by gas chromatography
ISO/TR 5601:2023	ISO/TC 35/SC 16	Paints and varnishes — Determination of volatile organic compound (VOC) and/or semi-volatile organic compound (SVOC) content — Best practices for the selection of test methods
ISO 252:2023	ISO/TC 41/SC 3	Conveyor belts — Adhesion between constitutive elements — Test methods
ISO 15024:2023	ISO/TC 61/SC 13	Fibre-reinforced plastic composites — Determination of mode I interlaminar fracture toughness, $G_{IC}$ , for unidirectionally reinforced materials
ISO 19092:2023	ISO/TC 68/SC 2	Financial services — Biometrics — Security framework
ISO 8536-15:2022/Amd 1:2023	ISO/TC 76	Infusion equipment for medical use — Part 15: Light-protective infusion sets for single use — Amendment 1
ISO 7152:2023	ISO/TC 83	Camping tents and caravan awnings — Vocabulary
ISO 11088:2023	ISO/TC 83/SC 4	Alpine ski/binding/boot (S-B-B) system — Assembly, adjustment and inspection
ISO 9271:2023	ISO/TC 85/SC 2	Decontamination of radioactively contaminated surfaces — Testing of decontamination agents for textiles
ISO 23588:2023	ISO/TC 85/SC 2	Radiological protection — General requirements for proficiency tests for in vivo radiobioassay
ISO 18639-4:2018/Amd 1:2023	ISO/TC 94/SC 14	PPE ensembles for firefighters undertaking specific rescue activities — Part 4: Gloves — Amendment 1
ISO 23401-1:2023	ISO/TC 106/SC 2	Dentistry — Chairside denture base relining materials — Part 1: Hard type materials
ISO 8325:2023	ISO/TC 106/SC 4	Dentistry — Test methods for rotary instruments
ISO 3691-2:2023	ISO/TC 110/SC 2	Industrial trucks — Safety requirements and verification — Part 2: Self-propelled variable-reach trucks

Reference	Committee	Title
ISO 3691-3:2016/Amd 1:2023	ISO/TC 110/SC 2	Industrial trucks — Safety requirements and verification — Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads — Amendment 1
ISO 3252:2023	ISO/TC 119	Powder metallurgy — Vocabulary
ISO/TS 24137:2023	ISO/TC 123/SC 7	Plain bearings — Surface modification by press fitting solid lubricants combined with micro dimple processing
ISO 19694-3:2023	ISO/TC 146/SC 1	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 3: Cement industry
ISO 19694-4:2023	ISO/TC 146/SC 1	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 4: Aluminium industry
ISO 19694-5:2023	ISO/TC 146/SC 1	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 5: Lime industry
ISO 19694-6:2023	ISO/TC 146/SC 1	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 6: Ferroalloys and silicon industry
ISO 11210:2023	ISO/TC 174	Jewellery and precious metals — Determination of platinum — Gravimetry using ammonium chloride
ISO/TR 7878:2023	ISO/TC 204	Intelligent transport systems — Mobility integration — Enterprise view
ISO 5722:2023	ISO/TC 206	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for determining tensile and shear creep of ceramic adhesive
ISO 37184:2023	ISO/TC 268/SC 2	Sustainable mobility and transportation — Framework for transportation services by providing meshes for 5G communication

**List of ISO standards and other deliverables published between 2023-03-06 and 2023-03-12**

Reference	Committee	Title
ISO/IEC 30134-7:2023	ISO/IEC JTC 1/SC 39	Information technology — Data centres key performance indicators — Part 7: Cooling efficiency ratio (CER)
ISO 23772:2023	ISO/TC 6	Pulps — Kraft liquor — Determination of residual alkali using potentiometric titration
ISO 23774:2023	ISO/TC 6	Pulps — Kraft liquor — Determination of total, active and effective alkali using potentiometric titration
ISO 23777:2023	ISO/TC 6	Pulps — Kraft liquor — Determination of hydrosulphide ion concentration using potentiometric titration
ISO 23807:2023	ISO/TC 8	Ships and marine technology — General requirements for the asynchronous time-insensitive ship-shore data transmission
ISO 4845:2023	ISO/TC 8/SC 4	Ships and marine technology — Combined rigging for deep-sea mooring
ISO 11992-2:2023	ISO/TC 22/SC 31	Road vehicles — Interchange of digital information on electrical connections between towing and towed vehicles — Part 2: Application layer for brakes and running gear
ISO 12924:2023	ISO/TC 28/SC 4	Lubricants, industrial oils and related products (Class L) — Family X (Greases) — Specifications
ISO 20715:2023	ISO/TC 34/SC 8	Tea — Classification of tea types
ISO/TS 19392-5:2023	ISO/TC 35/SC 9	Paints and varnishes — Coating systems for wind-turbine rotor blades — Part 5: Measurement of transmittance properties of UV protective coatings

ISO 24620-4:2023	ISO/TC 37/SC 4	Language resource management — Controlled human communication (CHC) — Part 4: Basic principles and methodology for stylistic guidelines (BSG)
ISO 4063:2023	ISO/TC 44/SC 7	Welding, brazing, soldering and cutting — Nomenclature of processes and reference numbers
ISO 188:2023	ISO/TC 45/SC 2	Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests
ISO 233-3:2023	ISO/TC 46	Information and documentation — Transliteration of Arabic characters into Latin characters — Part 3: Persian language — Transliteration
ISO 3826-1:2019/Amd 1:2023	ISO/TC 76	Plastics collapsible containers for human blood and blood components — Part 1: Conventional containers — Amendment 1
ISO 4233:2023	ISO/TC 85/SC 6	Reactor technology — Nuclear fusion reactors — Hot helium leak testing method for high temperature pressure-bearing components in nuclear fusion reactors
ISO 22712:2023	ISO/TC 86/SC 1	Refrigerating systems and heat pumps — Competence of personnel
ISO 16976-5:2023	ISO/TC 94/SC 15	Respiratory protective devices — Human factors — Part 5: Thermal effects
ISO 10651-4:2023	ISO/TC 121/SC 3	Lung ventilators — Part 4: Particular requirements for user-powered resuscitators
ISO 20560-2:2023	ISO/TC 145/SC 2	Safety information for the content of piping systems and tanks — Part 2: Tanks
ISO 6612:2023	ISO/TC 162	Windows and doors — Resistance to wind load — Test method
ISO 21219-1:2023	ISO/TC 204	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 1: Introduction, numbering and versions (TPEG2-INV)
ISO 17225-8:2023	ISO/TC 238	Solid biofuels — Fuel specifications and classes — Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use
ISO 18123:2023	ISO/TC 238	Solid biofuels — Determination of volatile matter
ISO 4529:2023	ISO/TC 244	Industrial furnaces and associated processing equipment — Secondary steelmaking — Machinery and equipment for treatment of liquid steel

**List of ISO standards and other deliverables published between 2023-03-13 and 2023-03-19**

Reference	Committee	Title
ISO/IEC 29168-1:2023	ISO/IEC JTC 1/SC 6	Information technology — Open systems interconnection — Part 1: Object identifier resolution system
ISO 535:2023	ISO/TC 6/SC 2	Paper and board — Determination of water absorptiveness — Cobb method
ISO 24482:2023	ISO/TC 8/SC 12	Large yachts — Navigational bridge visibility
ISO 13520:2023	ISO/TC 17/SC 11	Determination of ferrite content in austenitic stainless steel castings
ISO 20567-4:2023	ISO/TC 35/SC 9	Paints and varnishes — Determination of stone-chip resistance of coatings — Part 4: Mobile multi-impact testing on a small testing area
ISO 7870-2:2023	ISO/TC 69/SC 4	Control charts — Part 2: Shewhart control charts
ISO/TS 4689-1:2023	ISO/TC 102/SC 2	Iron ores — Determination of sulfur content — Part 1: Barium sulfate gravimetric method

ISO/TS 7352:2023	ISO/TC 104/SC 4	Freight containers — NFC or/and QR code seals
ISO 3548-3:2023	ISO/TC 123/SC 5	Plain bearings — Thin-walled half bearings with or without flange — Part 3: Determination of the peripheral length
ISO 6181:2023	ISO/TC 134	Fertilizers and soil conditioners — Liquid methylene-urea slow release fertilizers — General requirements
ISO 5667-1:2023	ISO/TC 147/SC 6	Water quality — Sampling — Part 1: Guidance on the design of sampling programmes and sampling techniques
ISO/TS 24064:2023	ISO/TC 171/SC 2	Document management — Portable document format — RichMedia annotations conforming to the ISO 10303-242 (STEP AP 242) specification
ISO 23704-3:2023	ISO/TC 184/SC 1	General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 3: Reference architecture of CPSMT for additive manufacturing
ISO 8000-51:2023	ISO/TC 184/SC 4	Data quality — Part 51: Data governance: Exchange of data policy statements
ISO 16387:2023	ISO/TC 190/SC 4	Soil quality — Effects of contaminants on <i>Enchytraeidae</i> ( <i>Enchytraeus</i> sp.) — Determination of effects on reproduction
ISO 23582-1:2023	ISO/TC 270	Plastics and rubber machines — Clamping systems — Part 1: Safety requirements for magnetic clamping systems
ISO 19388:2023	ISO/TC 275	Sludge recovery, recycling, treatment and disposal — Requirements and recommendations for the operation of anaerobic digestion facilities

**List of ISO standards and other deliverables published between 2023-03-20 and 2023-03-26**

Reference	Committee	Title
ISO/IEC 4005-1:2023	ISO/IEC JTC 1/SC 6	Telecommunications and information exchange between systems — Unmanned aircraft area network (UAAN) — Part 1: Communication model and requirements
ISO/IEC 4005-2:2023	ISO/IEC JTC 1/SC 6	Telecommunications and information exchange between systems — Unmanned aircraft area network (UAAN) — Part 2: Physical and data link protocols for shared communication
ISO/IEC 4005-3:2023	ISO/IEC JTC 1/SC 6	Telecommunications and information exchange between systems — Unmanned aircraft area network (UAAN) — Part 3: Physical and data link protocols for control communication
ISO/IEC 4005-4:2023	ISO/IEC JTC 1/SC 6	Telecommunications and information exchange between systems — Unmanned aircraft area network (UAAN) — Part 4: Physical and data link protocols for video communication
ISO/IEC 29128-1:2023	ISO/IEC JTC 1/SC 27	Information security, cybersecurity and privacy protection — Verification of cryptographic protocols — Part 1: Framework
ISO/IEC 30161-2:2023	ISO/IEC JTC 1/SC 41	Internet of Things (IoT) — Data exchange platform for IoT services — Part 2: Transport interoperability between nodal points
ISO 15370:2021/Amd 1:2023	ISO/TC 8/SC 1	Ships and marine technology — Low-location lighting (LLL) on passenger ships — Arrangement — Amendment 1
ISO 24649:2022/Amd 1:2023	ISO/TC 23/SC 18	Agricultural irrigation equipment — Manually and hydraulically operated plastics valves — Amendment 1
ISO/TR 21636-2:2023	ISO/TC 37/SC 2	Language coding — A framework for language varieties — Part 2: Description of the framework

ISO 527-4:2023	ISO/TC 61/SC 13	Plastics — Determination of tensile properties — Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites
ISO 4548-14:2023	ISO/TC 70/SC 7	Methods of test for full-flow lubricating oil filters for internal combustion engines — Part 14: Hydraulic pulse durability for composite filter housings
ISO 16976-7:2023	ISO/TC 94/SC 15	Respiratory protective devices — Human factors — Part 7: Hearing and speech
ISO 22915-10:2023	ISO/TC 110/SC 2	Industrial trucks — Verification of stability — Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices
ISO 22915-20:2023	ISO/TC 110/SC 2	Industrial trucks — Verification of stability — Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization
ISO 4491-1:2023	ISO/TC 119/SC 2	Metallic powders — Determination of oxygen content by reduction methods — Part 1: General guidelines
ISO 16028:2023	ISO/TC 131/SC 4	Hydraulic fluid power — Dimensions and requirements of quick-action couplings, flush-face type
ISO/TR 9241-100:2023	ISO/TC 159/SC 4	Ergonomics of human-system interaction — Part 100: Overview of ISO 9241 software ergonomic standards
ISO 6613:2023	ISO/TC 162	Windows and doors — Air permeability — Test method
ISO 8124-3:2020/Amd 1:2023	ISO/TC 181	Safety of toys — Part 3: Migration of certain elements — Amendment 1: Limits for boron and other elements in slime, and barium in modelling clay
ISO 8000-117:2023	ISO/TC 184/SC 4	Data quality — Part 117: Application of ISO 8000-115 to identifiers in distributed ledgers including blockchains
ISO 3977-2:2023	ISO/TC 192	Gas turbines — Procurement — Part 2: Standard reference conditions and ratings
ISO 14083:2023	ISO/TC 207/SC 7	Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from transport chain operations
ISO/TS 20440:2023	ISO/TC 215	Health informatics — Identification of medicinal products — Implementation guidelines for ISO 11239 data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging
ISO/TS 18198:2023	ISO/TC 221	Determination of long-term flow of geosynthetic drains
ISO 17499:2023	ISO/TC 226	Carbonaceous materials used in the production of aluminium — Determination of baking level expressed by equivalent temperature



# Withdrawn ISO Standards

List of ISO standards withdrawn between 2023-02-27 and 2023-03-05

Reference	Committee	Replaced by
ISO 23539:2005	CIE	ISO/CIE 23539:2023
ISO 5593:2019	ISO/TC 4	ISO 5593:2023
ISO/PAS 11154:2006	ISO/TC 22/SC 40	ISO 11154:2023
ISO 252:2007	ISO/TC 41/SC 3	ISO 252:2023
ISO 15024:2001	ISO/TC 61/SC 13	ISO 15024:2023
ISO 19092:2008	ISO/TC 68/SC 2	ISO 19092:2023
ISO 7152:1997	ISO/TC 83	ISO 7152:2023
ISO 7152:1997/Amd 1:2006	ISO/TC 83	ISO 7152:2023
ISO 11088:2018	ISO/TC 83/SC 4	ISO 11088:2023
ISO 9271:1992	ISO/TC 85/SC 2	ISO 9271:2023
ISO 8325:2004	ISO/TC 106/SC 4	ISO 8325:2023
ISO 3691-2:2016	ISO/TC 110/SC 2	ISO 3691-2:2023
ISO 3252:2019	ISO/TC 119	ISO 3252:2023
ISO 11210:2014	ISO/TC 174	ISO 11210:2023

List of ISO standards withdrawn between 2023-03-06 and 2023-03-12

Reference	Committee	Replaced by
ISO 11992-2:2014	ISO/TC 22/SC 31	ISO 11992-2:2023
ISO 12924:2010	ISO/TC 28/SC 4	ISO 12924:2023
ISO 12924:2010/Cor 1:2012	ISO/TC 28/SC 4	ISO 12924:2023
ISO 4063:2009	ISO/TC 44/SC 7	ISO 4063:2023
ISO 188:2011	ISO/TC 45/SC 2	ISO 188:2023
ISO 233-3:1999	ISO/TC 46	ISO 233-3:2023
ISO/TS 16976-5:2020	ISO/TC 94/SC 15	ISO 16976-5:2023
ISO 10651-4:2002	ISO/TC 121/SC 3	ISO 10651-4:2023
ISO 6612:1980	ISO/TC 162	ISO 6612:2023
ISO/TS 21219-1:2016	ISO/TC 204	ISO 21219-1:2023
ISO/TS 17225-8:2016	ISO/TC 238	ISO 17225-8:2023
ISO 18123:2015	ISO/TC 238	ISO 18123:2023

**List of ISO standards withdrawn between 2023-03-13 and 2023-03-19**

<b>Reference</b>	<b>Committee</b>	<b>Replaced by</b>
ISO/IEC 29168-1:2011	ISO/IEC JTC 1/SC 6	ISO/IEC 29168-1:2023
ISO 535:2014	ISO/TC 6/SC 2	ISO 535:2023
ISO 13520:2015	ISO/TC 17/SC 11	ISO 13520:2023
ISO 7870-2:2013	ISO/TC 69/SC 4	ISO 7870-2:2023
ISO 4689:1986	ISO/TC 102/SC 2	ISO/TS 4689-1:2023
ISO 3548-3:2012	ISO/TC 123/SC 5	ISO 3548-3:2023
ISO 5667-1:2020	ISO/TC 147/SC 6	ISO 5667-1:2023
ISO 16387:2014	ISO/TC 190/SC 4	ISO 16387:2023
ISO 11858:1999	ISO/TC 219	
ISO 17504:1999	ISO/TC 219	

**List of ISO standards withdrawn between 2023-03-20 and 2023-03-26**

<b>Reference</b>	<b>Committee</b>	<b>Replaced by</b>
ISO/IEC 29128:2011	ISO/IEC JTC 1/SC 27	ISO/IEC 29128-1:2023
ISO 527-4:2021	ISO/TC 61/SC 13	ISO 527-4:2023
ISO 4548-14:2016	ISO/TC 70/SC 7	ISO 4548-14:2023
ISO/TS 16976-7:2020	ISO/TC 94/SC 15	ISO 16976-7:2023
ISO 22915-10:2008	ISO/TC 110/SC 2	ISO 22915-10:2023
ISO 22915-20:2008	ISO/TC 110/SC 2	ISO 22915-20:2023
ISO 4491-1:1989	ISO/TC 119/SC 2	ISO 4491-1:2023
ISO 16028:1999	ISO/TC 131/SC 4	ISO 16028:2023
ISO 16028:1999/Amd 1:2006	ISO/TC 131/SC 4	ISO 16028:2023
ISO/TR 9241-100:2010	ISO/TC 159/SC 4	ISO/TR 9241-100:2023
ISO 6613:1980	ISO/TC 162	ISO 6613:2023
ISO 8272:1985	ISO/TC 162	ISO 6613:2023
ISO 3977-2:1997	ISO/TC 192	ISO 3977-2:2023
ISO/TS 20440:2016	ISO/TC 215	ISO/TS 20440:2023
ISO 17499:2006	ISO/TC 226	ISO 17499:2023
IWA 16:2015	ISO/TMBG	ISO 14083:2023