

Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)

List of Singapore Standards and Technical References currently under development:			
Title of Standard	Sector	Type	Expected completion
SS 644:2019 Guidelines for the supply and delivery of medication	Biomedical & Health	Review	1H 2024
SS 696:2023 Specification for high containment (biosafety level 3) facility	Biomedical & Health	New	Published
SS ISO 11930:2023 Cosmetics – Microbiology – Evaluation of the antimicrobial protection of a cosmetic product (Revision of SS ISO 11930:2017) (Identical adoption of ISO 11930:2019+AMD1:2022)	Biomedical & Health	Revision	Published
SS ISO 15189:2023 Medical laboratories – Requirements for quality and competence (Identical adoption of ISO 15189:2022) (Revision of SS ISO 15189:2017)	Biomedical & Health	Revision	Published
SS ISO 17665-1 : 2018 Sterilisation of health care products – Moist heat – Part 1: Requirements for the development, validation and routine control of a sterilisation process for medical devices	Biomedical & Health	Review	1H 2024
SS ISO 22870:2017 Point-of-care testing (POCT) – Requirements for quality and competence (Identical adoption of ISO 22870:2016) (Replaced by SS ISO 15189:2023)	Biomedical & Health	Withdrawal	Completed 2023
SS ISO 24442:2023 Cosmetics – Sun protection test methods – In vivo determination of sunscreen UVA protection (Identical adoption of ISO 24442:2022)	Biomedical & Health	Revision	Published
SS ISO 24443:2023 Cosmetics — Determination of sunscreen UVA photoprotection in vitro (Identical adoption of ISO 24443:2021)	Biomedical & Health	Revision	Published
TR ISO/TS 17665-2 : 2018 Sterilisation of health care products – Moist heat – Part 2: Guidance on the application of ISO 17665-1	Biomedical & Health	Review	2H 2024
Comprehensive grading standard for artemisiae argyi	Biomedical & Health	New	2H 2024
Rapid, non-destructive, on site near infrared spectroscopy (NIRS) based authentication method for edible bird's nest	Biomedical & Health	New	1H 2024
Specification on assessment of antimicrobial and antiviral protection durability of surface disinfectants and coatings	Biomedical & Health	New	1H 2024
CP 52 : 2004 Code of practice for automatic fire sprinkler system	Building & Construction	Revision	1H 2025
SS 30:1999(2012) Manhole tops and surface-box tops (Replaced by SS EN 124 series)	Building & Construction	Withdrawal	Completed 2023
SS 332:2018+A1:2022 Specification for fire doors	Building & Construction	Revision	2H 2025
SS 374:1994(2023) Specification for preformed waterproofing membranes for concealed roofing system	Building & Construction	Mature	Completed 2023
SS 489:2015+C1:2017 Specification for fire shutters	Building & Construction	Revision	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS 499:2002(2015) Cleaning services industry – Cleaning performance for commercial premises	Building & Construction	Withdrawal	Completed 2023
SS 525:2006 Code of practice for drainage of roofs	Building & Construction	Revision	2H 2024
SS 530:2014+A1:2018 Code of practice for energy efficiency standard for building services and equipment	Building & Construction	Revision	2H 2025
SS 533:2007(2015) Cleaning performance for public housing estates	Building & Construction	Withdrawal	Completed 2023
SS 544-1:2019 Concrete – Complementary Singapore Standard to SS EN 206 – Part 1: Method of specifying and guidance for the specifier (Identical adoption of BS 8500-1:2015+A1:2016)	Building & Construction	Revision	2H 2024
SS 544-2:2019 Concrete – Complementary Singapore Standard to SS EN 206 – Part 2: Specification for constituent materials and concrete (Identical adoption of BS 8500-2:2015+A1:2016)	Building & Construction	Revision	2H 2024
SS 553:2016+A2:2021 Code of practice on air-conditioning and mechanical ventilation in buildings	Building & Construction	Revision	2H 2025
SS 554:2016+A1:2021 Code of practice for indoor air quality for air-conditioned buildings	Building & Construction	Revision	2H 2025
SS 574-1:2012 Specification for dual flush low capacity water closet (WC) up to 4.5/3.0 litres capacity - Part 1 : WC flushing cisterns	Building & Construction	Revision	2H 2024
SS 574-2:2012 Specification for dual flush low capacity water closet (WC) up to 4.5/3.0 litres capacity - Part 2 : WC pans	Building & Construction	Revision	2H 2024
SS 592:2013 Assessment of in-situ compressive strength in structures and precast concrete components - Complementary guidance to that given in SS EN 13791	Building & Construction	Revision	2H 2024
SS 593:2013+C1:2014 Code of practice for pollution control	Building & Construction	Revision	2H 2024
SS 605:2015 Guide for age-friendly homes	Building & Construction	Mature	1H 2024
SS 608:2015+A3:2023 Code of practice for gas installation	Building & Construction	Amendment	Published
SS 608:2015+A3:2023 Code of practice for gas installation	Building & Construction	Revision	2H 2025
SS 610:2016 Cleaning performance of retail food & beverage premises	Building & Construction	Withdrawal	Completed 2023
SS 654:2020+A1:2023 Code of practice for curtain walls	Building & Construction	Amendment	Published
SS 694:2023 Code of practice for the measurement of cleaning performance for commercial, residential estates and retail F&B premises	Building & Construction	New	Published
TR 42:2015(2023) Facility design guidelines for acute general hospitals	Building & Construction	Confirmation	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

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TR 59:2017(2023) Facility design guidelines for community hospitals	Building & Construction	Confirmation	Published
TR 63:2018 Bi-directional static axial load test	Building & Construction	Review	2H 2024
TR 65:2018(2023) Facility design for polyclinics	Building & Construction	Confirmation	Published
TR 111:2023 Securing cyber-physical systems for buildings	Building & Construction	New	Published
TR 114:2023 Mechanical, electrical and plumbing (MEP) design for healthcare facilities	Building & Construction	New	Under editing
SS EN 206:2014 Concrete – Specification, performance, production and conformity	Building & Construction	Revision	1H 2024
SS EN 3-8:2023 Portable fire extinguishers – Part 8: Requirements for the construction, pressure resistance and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of SS EN 3-7 (Revision of SS EN 3-8:2012) (Identical adoption of EN 3-8:2021)	Building & Construction	Revision	Published
SS EN 1991-3:2010(2023)+C1:2023 Eurocode 1 : Actions on structures – Part 3 : Actions induced by cranes and machinery (Identical adoption of EN 1991-3:2006)	Building & Construction	Confirmation with Corrigenda	Published
NA to SS EN 1991-3:2010(2023) Singapore National Annex to Eurocode 1 : Actions on structures – Part 3 : Actions induced by cranes and machinery (Modified adoption of NA to BS EN 1991-3:2006)	Building & Construction	Confirmation	Published
SS EN 1991-4:2010(2023)+C1:2023 Eurocode 1 : Actions on structures – Part 4 : Silos and tanks (Identical adoption of EN 1991-4:2006)	Building & Construction	Confirmation with Corrigenda	Published
NA to SS EN 1991-4:2010(2023) Singapore National Annex to Eurocode 1 : Actions on structures – Part 4 : Silos and tanks (Modified adoption of NA to BS EN 1991-4:2006)	Building & Construction	Confirmation	Published
SS EN 1992-1-2:2008(2023)+A1:2023 Eurocode 2 : Design of concrete structures – Part 1-2 : General rules — Structural fire design	Building & Construction	Confirmation with Amd	Published
NA to SS EN 1992-1-2:2008(2023) Singapore National Annex to Eurocode 2 : Design of concrete structures – Part 1-2 : General rules – Structural fire design	Building & Construction	Confirmation	Published
SS EN 1992-3:2010(2023) Eurocode 2 – Design of concrete structures – Part 3 : Liquid retaining and containment structures (Identical adoption of EN 1992-3:2006)	Building & Construction	Confirmation	Published
NA to SS EN 1992-3:2010(2023) Singapore National Annex to Eurocode 2 – Design of concrete structures – Part 3 : Liquid retaining and containment structures (Modified adoption of NA to BS EN 1992-3:2006)	Building & Construction	Confirmation	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS EN 1993-1-5:2009(2023)+A1:2023 Eurocode 3: Design of steel structures – Part 1-5: Plated structural elements (Identical adoption of EN 1993-1-5:2006, EN 1993-1-5:2006/AC:2009, EN 1993-1-5:2006/A1:2017 and EN 1993-1-5:2006/A2:2019)	Building & Construction	Confirmation with Amd	Published
NA+A1:2023 to SS EN 1993-1-5:2009(2023) Singapore National Annex to Eurocode 3 : Design of steel structures – Part 1-5 : Plated structural elements (Identical adoption of NA+A1:2016 to BS EN 1993-1-5:2006)	Building & Construction	Confirmation with Amd	Published
SS EN 1993-1-6:2011(2023)+A1:2023 Eurocode 3: Design of steel structures – Part 1-6: Strength and stability of shell structures (Identical adoption of EN 1993-1-6:2007/A1:2017)	Building & Construction	Confirmation with Amd	Published
SS EN 1993-1-7:2011(2023) Eurocode 3: Design of steel structures – Part 1-7: Plated structures subject to out of plane loading (Identical adoption of EN 1993-1-7:2007)	Building & Construction	Confirmation	Published
SS EN 1993-1-8:2010(2023) Eurocode 3: Design of steel structures – Part 1-8: Design of joints (Identical adoption of EN 1993-1-8:2005)	Building & Construction	Confirmation	Published
NA to SS EN 1993-1-8:2010(2023) Singapore National Annex to Eurocode 3: Design of steel structures – Part 1-8: Design of joints (Identical adoption of NA to BS EN 1993-1-8:2005)	Building & Construction	Confirmation	Published
SS EN 1993-1-9:2010(2023) Eurocode 3: Design of steel structures – Part 1-9: Fatigue (Identical adoption of EN 1993-1-9:2005)	Building & Construction	Confirmation	Published
NA to SS EN 1993-1-9:2010(2023) Singapore National Annex to Eurocode 3: Design of steel structures – Part 1-9: Fatigue (Identical adoption of NA to BS EN 1993-1-9:2005)	Building & Construction	Confirmation	Published
SS EN 1993-1-10:2010(2023) Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (Identical adoption of EN 1993-1-10:2005)	Building & Construction	Confirmation	Published
NA to SS EN 1993-1-10:2010(2023) Singapore National Annex to Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (Identical adoption of NA to BS EN 1993-1-10:2005)	Building & Construction	Confirmation	Published
SS EN 1993-1-11:2011(2023) Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components (Identical adoption of EN 1993-1-11:2006)	Building & Construction	Confirmation	Published
NA to SS EN 1993-1-11:2011(2023) Singapore National Annex to Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components (Identical adoption of NA to BS EN 1993-1-11:2006)	Building & Construction	Confirmation	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS EN 1993-1-12:2009(2023) Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 (Identical adoption of EN 1993-1-12:2007)	Building & Construction	Confirmation	Published
NA to SS EN 1993-1-12:2009(2023) Singapore National Annex to Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 (Identical adoption of NA to BS EN 1993-1-12:2007)	Building & Construction	Confirmation	Published
SS EN 10224:2013 Non-alloy steel tubes and fittings for the conveyance of water and other aqueous liquids – Technical delivery conditions (Identical adoption of EN 10224:2002) (No replacement, users can refer directly to the latest editions of EN 10224)	Building & Construction	Withdrawal	Completed 2023
SS EN 10255:2013(2023) Non-alloy steel tubes suitable for welding and threading – Technical delivery conditions (Identical adoption of EN 10255:2004+A1:2007)	Building & Construction	Confirmation	Published
SS EN 10311:2013 Joints for the connection of steel tubes and fittings for the conveyance of water and other aqueous liquids (Identical adoption of EN 10311:2005) (No replacement, users can refer directly to the latest editions of EN 10311)	Building & Construction	Withdrawal	Completed 2023
SS EN 12620:2008 Specification for aggregates for concrete	Building & Construction	Revision	1H 2024
SS EN 13791:2009 (2016) Assessment of in-situ compressive strength in structures and precast concrete components	Building & Construction	Revision	2H 2024
SS ISO 16739-1:2023 Industry foundation classes (IFC) for data sharing in the construction and facility management industries – Part 1 : Data schema (Identical adoption of ISO 16739-1:2018)	Building & Construction	New	Published
SS ISO 19650-1:2018 Organisation and digitisation of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 1: Concepts and principles	Building & Construction	New	1H 2024
SS ISO 19650-2:2018 Organisation and digitisation of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 2: Delivery phase of the assets	Building & Construction	New	1H 2024
Code of practice for pest management services – Scope of work and quality management system	Building & Construction	New	1H 2025
Code of practice for building facade inspection and diagnostic using infrared thermography (IRT)	Building & Construction	New	1H 2024
SS 109:1974(2023) Specification for bitumen-base filling compounds for electrical purposes	Chemical	Mature	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS 133:2017(2023) Specification for bituminous emulsion for roof waterproofing	Chemical	Mature	Published
SS 150:2021 Specification for emulsion paint for decorative purposes	Chemical	Amendment	1H 2024
SS 152 : 2016 Specification for identification of contents of industrial gas cylinders	Chemical	Review	1H 2025
SS 270:2015 Specification for elastomeric seals for joints in pipework and pipelines	Chemical	Review	2H 2024
SS 522:2013(2023)+A1:2023 Code of practice for quality control inspection of 16 mm and 35 mm black and white, silver-gelatin type microfilm	Chemical	Mature with Amd	Published
SS 532: 2016 Code of practice for the storage of flammable liquids	Chemical	Revision	1H 2024
SS 579 : 2015 Specification for water-based sealer for interior and exterior uses	Chemical	Review	2026
SS 596:2014(2023)+A1:2023 Code of practice for imaging and writing of digital text and drawing documents on 16 mm and 35 mm black and white, silver-gelatin type microfilm for long term preservation – Operating procedures	Chemical	Mature with Amd	Published
SS 606:2015(2023)+A1:2023 Code of practice for digital conversion of 16 mm/35 mm microfilm and 105 mm microfiche – Operating procedures	Chemical	Mature with Amd	Published
SS 615:2016 Code of practice for the transportation and storage of pesticides	Chemical	Review	2H 2025
SS 625:2016(2023) Specification for liquid hand soap	Chemical	Mature	Published
SS 648:2019 Code of practice for bunker mass flow metering	Chemical	Review	2H 2024
TR 56-1:2020 LNG bunkering – Part 1: General introduction	Chemical	Revision	2H 2025
TR 56-2:2020 LNG bunkering – Part 2: Requirements for custody transfer	Chemical	Revision	2H 2025
TR 56-3:2020 LNG bunkering – Part 3: Procedures and safety distances	Chemical	Revision	2H 2025
TR 56-4:2020 LNG bunkering – Part 4: Competency requirements for personnel	Chemical	Revision	2H 2025
TR 74 : 2020 Code of practice for storage, land transportation and handling of LNG	Chemical	Review	1H 2025
Code of practice for handling and usage of Industrial gases cylinders at workplace	Chemical	New	2H 2024
Code of practice for electronic documentation and processes for tracking fuel quantity and quality across bunker supply chain	Chemical	New	2H 2024
Hydrogen refueling station for hydrogen fuel cell vehicles (HFCVs) on private and public road trials	Chemical	New	2H 2025
Operation of drones for oil, chemicals and processing facilities and related pipeline corridors	Chemical	New	2H 2025
Technical Reference – Code of practice for methanol bunkering	Chemical	New	2H 2024
Technical reference – Code of practice for ammonia bunkering	Chemical	New	1H 2025
Technical reference – Interior Floor coating	Chemical	New	1H 2024
CP 88-3:2004 Code of practice for temporary electrical installations, Part 3: Shipbuilding and ship-repairing yards (will be renumbered as SS 650-3)	Electrical & Electronic	Revision	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

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SS 97:2016 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – General rules (Modified adoption of IEC 61008-1:2010 +A2: 2013)	Electrical & Electronic	Revision	2H 2024
SS 241:1996(2008) General requirements for electrical accessories (Modified adoption of BS 5733:2010+A1:2014)	Electrical & Electronic	Revision	1H 2024
SS 358-1:2011(2017) Specification for polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 1: General requirements (Identical adoption of IEC 60227-1:2007)	Electrical & Electronic	Review	2H 2024
SS 358-2:2005(2017) Specification for polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 2: Test methods (Identical adoption of IEC 60227-2:2003)	Electrical & Electronic	Review	2H 2024
SS 480:2016 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – General rules (Modified adoption of IEC 61009-1:2010)	Electrical & Electronic	Review	2H 2024
SS 558:2010 Code of practice for construction, installation, operation and maintenance of intruder alarm systems (Formerly CP 59)	Electrical & Electronic	Revision	2H 2024
SS 626:2017+A1:2017 Code of practice for design, installation and maintenance of escalators and moving walks (Modified adoption of EN 115-1:2017)	Electrical & Electronic	Revision	1H 2024
TR 116:2023 Smart switched socket-outlets	Electrical & Electronic	New	Under editing
SS IEC 60598-2-22:2023 Luminaires – Part 2-22 : Particular requirements – Luminaires for emergency lighting (Identical adoption of IEC 60598-2-22:2021) (Revision of SS IEC 60598-2-22:2016)	Electrical & Electronic	Revision	Published
SS IEC 61215-1:2023 Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements (Identical adoption of IEC 61215-1:2021) (Revision of SS IEC 61215-1:2019)	Electrical & Electronic	Revision	Published
SS IEC 61215-1-1:2023 Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (Identical adoption of IEC 61215-1-1:2021) (Revision of SS IEC 61215-1-1:2019)	Electrical & Electronic	Revision	Published
SS IEC 61215-2:2023 Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (Identical adoption of IEC 61215-2:2021) (Revision of SS IEC 61215-2:2019)	Electrical & Electronic	Revision	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

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SS IEC 61701:2023 Photovoltaic (PV) modules – Salt mist corrosion testing (Revision of SS IEC 61701:2019) (Identical adoption of IEC 61701:2020)	Electrical & Electronic	Revision	Published
SS IEC 61730-1:2023 Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (Revision of SS IEC 61730-1:2020) (Identical adoption of IEC 61730-1:2023)	Electrical & Electronic	Revision	Published
SS IEC 61730-2:2023 Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (Revision of SS IEC 61730-2:2020) (Identical adoption of IEC 61730-2:2023)	Electrical & Electronic	Revision	Published
SS IEC 61850-7-420 Communication networks and systems for power utility automation – Part 7-420: Basic communication structure – Distributed energy resources and distribution automation logical nodes (Identical adoption of IEC 61850-7-420:2021)	Electrical & Electronic	New	1H 2024
SS IEC 62717:2015(2023) +A1:2023 LED modules for general lighting – Performance requirements (Identical adoption of IEC 62717:2014/AMD1:2015+AMD2:2019)	Electrical & Electronic	Confirmation with Amd	Published
SS IEC 62722-1:2023 Luminaire performance – Part 1 : General requirements (Identical adoption of IEC 62722-1:2022) (Revision of SS IEC 62722-1:2015)	Electrical & Electronic	Revision	Published
SS IEC 62722-2-1:2023 Luminaire performance – Part 2-1 : Particular requirements for LED luminaires (Revision of SS IEC 62722-2-1:2015) (Identical adoption of IEC 62722-2-1:2023)	Electrical & Electronic	Revision	Published
SS IEC 62776:2015(2023) Double-capped LED lamps designed to retrofit linear fluorescent lamps – Safety specifications (Identical adoption of IEC 62776:2014)	Electrical & Electronic	Confirmation	Published
SS IEC 63294:2023 Test methods for electric cables with rated voltages up to and including 450/750 V (Identical adoption of IEC 63294:2021)	Electrical & Electronic	New	Published
TR 77-1:2020(2023)+C1:2023 Electrical energy storage (EES) systems – Part 1: Planning and performance assessment of electrical energy storage systems – General specification (Modified adoption of IEC/TS 62933-3-1:2018)	Electrical & Electronic	Confirmation with Corrigenda	Published
Technical Reference – Electrical energy storage (EES) systems – Part 3-2: Planning and performance assessment of electrical energy storage systems – Additional requirements for power intensive and renewable energy sources integration related applications (Modified adoption of IEC TS 62933-3-2:2023)	Electrical & Electronic	New	1H 2024
TR IEC TS 60904-1-2 – Photovoltaic devices - Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices (Identical Adoption of upcoming IEC TS 60904-1-2:2024) (Revision of TR IEC TS 60904-1-2:2020)	Electrical & Electronic	Revision	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

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TR IEC/TR 61850-90-6:2023 Communication networks and systems for power utility automation – Part 90- 6: Use of IEC 61850 for Distribution Automation Systems (Identical adoption of IEC/TR 61850-90-6:2018)	Electrical & Electronic	New	Published
TR IEC/TR 61850-90-7:2023 Communication networks and systems for power utility automation – Part 90- 7: Object models for power converters in distributed energy resources (DER) systems (Identical adoption of IEC/TR 61850-90-7:2013)	Electrical & Electronic	New	Published
TR IEC TR 61850-90-8:2023 Communication networks and systems for power utility automation – Part 90-8: Object model for E-mobility (Identical adoption of IEC TR 61850-90-8:2016)	Electrical & Electronic	New	Published
TR IEC TR 61850-90-9:2023 Communication networks and systems for power utility automation – Part 90-9: Use of IEC 61850 for Electrical Energy Storage Systems (Identical adoption of IEC TR 61850-90-9:2020)	Electrical & Electronic	New	Published
TR IEC TR 61850-90-16:2023 Communication networks and systems for power utility automation – Part 90-16: Requirements of system management for Smart Energy Automation (Identical adoption of IEC TR 61850-90-16:2021)	Electrical & Electronic	New	Published
TR IEC TR 61850-90-17:2023 Communication networks and systems for power utility automation – Part 90-17: Using IEC 61850 to transmit power quality data (Identical adoption of IEC TR 61850-90-17:2017)	Electrical & Electronic	New	Published
TR IEC/TS 62600-1:2023 Marine energy – Wave, tidal and other water current converters – Part 1: Vocabulary (Identical adoption of IEC/TS 62600-1:2020)	Electrical & Electronic	New	Published
TR IEC/TS 62600-100:2023 Marine energy – Wave, tidal and other water current converters – Part 100: Electricity producing wave energy converters – Power performance assessment (Identical adoption of IEC/TS 62600-100:2012)	Electrical & Electronic	New	Published
TR IEC/TS 62600-101:2023 Marine energy – Wave, tidal and other water current converters – Part 101: Wave energy resource assessment and characterisation (Identical adoption of IEC/TS 62600-101:2015)	Electrical & Electronic	New	Published
TR IEC/TS 62600-200:2023 Marine energy – Wave, tidal and other water current converters – Part 200: Electricity producing tidal energy converters – Power performance assessment (Identical adoption of IEC/TS 62600-200:2013)	Electrical & Electronic	New	Published
TR IEC TS 62915 – Photovoltaic (PV) modules - Type approval, design and safety qualification - Retesting (Identical Adoption of IEC TS 62915:2023)	Electrical & Electronic	New	1H 2024
SS Smart plugs for homes (Review of TR 54:2016)	Electrical & Electronic	Review	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
Technical Reference – Electric harbour crafts charging systems – Part 1: Electrical safety and general requirements	Electrical & Electronic	New	2H 2024
Technical Reference – Electric harbour crafts charging systems – Part 2: Shore-side battery charging system (low power and high power charging)	Electrical & Electronic	New	2H 2024
Technical Reference – Electric harbour crafts charging systems – Part 3: Battery swapping system	Electrical & Electronic	New	2H 2024
Technical Reference – Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 3: Photovoltaic modules and plants – Outdoor infrared thermography (Modified adoption of IEC TS 62446-3:2017)	Electrical & Electronic	New	1H 2024
SS 331:1997(2011) Specification for plastic refuse sacks	Environment & Resources	Withdrawal	Completed 2023
SS 369:2014(2023) Specification for moulded thermoplastic refuse bins	Environment & Resources	Mature	Published
SS 375-1:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 1: Specification (Modified adoption of BS 6920-1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.1:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.1: Methods of test – Samples for testing (Identical adoption of BS 6920-2.1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.2.1:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.2.1: Methods of test – Odour and flavour of water – General method of test (Identical adoption of BS 6920-2.2.1:2000+A3:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.2.2:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.2.2: Methods of test – Odour and flavour of water – Method of testing odours and flavours imparted to water by multi-layered hoses and pipes (Identical adoption of BS 6920-2.2.2:2000+A1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.2.3:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.2.3: Methods of test – Odour and flavour of water – Method of testing odours and flavours imparted to water by hoses for conveying water for food and drink preparation (Identical adoption of BS 6920-2.2.3:2000+A2:2014)	Environment & Resources	Confirmation with Amd	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

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SS 375-2.3:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.3: Methods of test – Appearance of water (Identical adoption of BS 6920-2.3:2000+A1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.4:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.4: Methods of test – Growth of aquatic microorganisms test (Identical adoption of BS 6920-2.4:2000+A1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2.5:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2.5: Methods of test – The extraction of substances that may be of concern to public health (Identical adoption of BS 6920-2.5:2000+A1:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-2-6:2015 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 2-6: Methods of test – The extraction of metals (Identical adoption of BS 6920-2.6:2000+A2:2014)	Environment & Resources	Confirmation with Amd	1H 2024
SS 375-3:2001(2015) Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water – Part 3: High temperature tests (Identical adoption of BS 6920-3:2000)	Environment & Resources	Confirmation with Amd	1H 2024
SS 399:1997(2011) Specification for litter bin	Environment & Resources	Withdrawal	Completed 2023
SS 698:2023 Code of practice for the production and application of biochar	Environment & Resources	New	Published
TR 109:2023 Sustainable packaging guiding framework and practices	Environment & Resources	New	Published
SS EN 840-1:2014 Mobile waste and recycling containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices – Dimensions and design (Identical adoption of EN 840-1:2012)	Environment & Resources	Review	1H 2024
SS EN 840-2:2014 Mobile waste and recycling containers – Part 2: Containers with 4 wheels with a capacity up to 1300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design (Identical adoption of EN 840-2:2012)	Environment & Resources	Revision	1H 2024
SS EN 840-3:2014 Mobile waste and recycling containers – Part 3: Containers with 4 wheels with a capacity up to 1300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design Identical adoption of EN 840-3:2012)	Environment & Resources	Revision	1H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS EN 840-4:2014 Mobile waste and recycling containers – Part 4: Containers with 4 wheels with a capacity up to 1700 l with flat lid(s), for widetrunnion or BG- and/or wide comb lifting devices – Dimensions and design (Identical adoption of EN 840-4:2012)	Environment & Resources	Revision	1H 2024
SS EN 840-5:2014 Mobile waste and recycling containers – Part 5: Performance requirements and test methods (Identical adoption of EN 840-5:2012)	Environment & Resources	Revision	1H 2024
SS EN 840-6:2014 Mobile waste and recycling containers – Part 6: Safety and health requirements (Identical adoption of EN 840-6:2012)	Environment & Resources	Revision	1H 2024
SS ISO 14020:2023 Environmental statements and programmes for products – Principles and general requirements (Identical adoption of ISO 14020:2022) (Revision of SS ISO 14020:2017)	Environment & Resources	Revision	Published
SS ISO 14067:2023 Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification (Identical adoption of ISO 14067:2018)	Environment & Resources	New	1H 2024
SS ISO 50006:2023 Energy management systems – Evaluating energy performance using energy performance indicators and energy baselines (Revision of SS ISO 50006:2014) (Identical adoption of ISO 50006:2023)	Environment & Resources	Revision	Published
SS ISO 50015:2014(2023) Energy management systems – Measurement and verification of energy performance of organisations – General principles and guidance (Identical adoption of ISO 50015:2014)	Environment & Resources	Confirmation	Published
SS ISO 23662 Definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims (Identical adoption of ISO 23662:2021)	Food	New	1H 2024
Specification for clean and green standard for urban farms - Layers	Food	New	1H 2024
SS 529:2006 Specification for smart card ID	Information Technology	Mature	Published
SS 695:2023 IoT interoperability for Smart Nation	Information Technology	New	Published
SS 697:2023 Deployment and operation of data centre IT equipment under tropical climate	Information Technology	New	Published
SS ISO/IEC 27001:2023 Information security, cybersecurity and privacy protection – Information security management systems – Requirements (Revision of SS ISO/IEC 27001:2019) (Identical adoption of ISO/IEC 27001:2022)	Information Technology	Revision	Published
SS ISO/IEC 27002:2023 Information security, cybersecurity and privacy protection – Information security controls (Revision of SS ISO/IEC 27002:2019) (Identical adoption of ISO/IEC 27002:2022)	Information Technology	Revision	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
TR 33:2013 Data as a service (DaaS) application programming interface (API) design and implementation	Information Technology	Withdrawal	Completed 2023
TR 38:2014 Technical Reference for sensor network for smart nation (public areas)	Information Technology	Withdrawal	Completed 2023
TR 40:2015 Technical Reference for sensor networks for Smart Nation (homes)	Information Technology	Withdrawal	Completed 2023
TR 41:2015 Data quality metrics	Information Technology	Withdrawal	Completed 2023
TR 47:2016 Technical Reference for IoT reference architecture for Smart Nation	Information Technology	Withdrawal	Completed 2023
TR 50:2016 Technical Reference for IoT information and services interoperability for Smart Nation	Information Technology	Withdrawal	Completed 2023
TR 55:2016 Data versioning	Information Technology	Withdrawal	Completed 2023
TR 64:2018 Guidelines for IoT security for Smart Nation	Information Technology	Review	2H 2024
Data protection trustmark (DPTM) certification standard for enterprises	Information Technology	New	1H 2025
Energy efficiency of data centre IT equipment	Information Technology	New	1H 2025
TR on Artificial intelligence use cases	Information Technology	New	2H 2024
SS IEC 62443-3-3:2018(2024) Industrial communication networks – Network and system security – Part 3-3: System security requirements and security levels (identical adoption of IEC 62443-3-3:2013)	Manufacturing	Confirmation	1H 2024
SS IEC 62443-4-1:2018(2024) Security for industrial automation and control systems – Part 4-1: Secure product development lifecycle requirements (identical adoption IEC 62443-4-1:2018)	Manufacturing	Confirmation	1H 2024
SS IEC 62443-4-2:2024 Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components. (identical adoption of IEC 62443-4-2:2019)	Manufacturing	New	1H 2024
SS IEC 62541-9:2023 OPC unified architecture – Part 9 : Alarms and Conditions (Identical adoption of IEC 62541-9:2020) (Revision of SS IEC 62541-9:2019)	Manufacturing	Revision	Published
SS IEC 62541-10:2023 OPC unified architecture – Part 10 : Programs (Identical adoption of IEC 62541-10:2020) (Revision of SS IEC 62541-10:2019)	Manufacturing	Revision	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS IEC 62541-11:2023 OPC unified architecture – Part 11 : Historical Access (Identical adoption of IEC 62541-11:2020) (Revision of SS IEC 62541-11:2019)	Manufacturing	Revision	Published
SS IEC 62541-12:2023 OPC unified architecture – Part 12 : Discovery and global services (Identical adoption of IEC 62541-12:2020)	Manufacturing	New	Published
SS IEC 62541-13:2023 OPC unified architecture – Part 13 : Aggregates (Identical adoption of IEC 62541-13:2020) (Revision of SS IEC 62541-13:2019)	Manufacturing	Revision	Published
SS IEC 62541-14:2023 OPC unified architecture – Part 14 : PubSub (Identical adoption of IEC 62541-14:2020)	Manufacturing	New	Published
SS ISO 17295 Additive manufacturing – General principles – Part positioning, coordinates and orientation (Identical adoption of ISO 17295:2023)	Manufacturing	New	1H 2024
SS ISO 17296-4 Additive manufacturing – General principles – Overview of data processing (Revision of SS ISO 17296-4:2016) (Identical adoption of ISO/ASTM 52950:2021)	Manufacturing	Revision	1H 2024
SS ISO/ASTM 52900 Additive manufacturing – General principles – Fundamentals and vocabulary (Revision of SS ISO/ASTM 52900:2016) (Identical adoption of ISO/ASTM 52900:2021)	Manufacturing	Revision	1H 2024
SS ISO/ASTM 52921:2016 Standard terminology for additive manufacturing – Coordinate systems and test methodologies (Identical adoption of ISO/ASTM 52921:2013)	Manufacturing	Withdrawal	1H 2024
TR IEC/TS 62443-1-1:2018(2024) Industrial communication networks – Network and system security – Part 1-1: Terminology, concepts and models (Identical adoption of IEC TS 62443-1-1:2009)	Manufacturing	Confirmation	1H 2024
TR IEC TS 62443-1-5:2024 Security for industrial automation and control systems - Part 1-5: Scheme for IEC 62443 security profiles (Identical adoption of IEC TS 62443-1-5:2023)	Manufacturing	New	1H 2024
TR IEC/TR 62443-2-3:2018(2024) Security for industrial automation and control systems – Part 2-3: Patch management in the IACS environment (identical adoption of IEC TR 62443-2-3:2015)	Manufacturing	Confirmation	1H 2024
TR IEC/TR 62443-3-1:2018(2024) Industrial communication networks – Network and system security – Part 3-1: Security technologies for industrial automation and control systems (identical adoption of IEC TR 62443-3-1:2009)	Manufacturing	Confirmation	1H 2024
Additive manufacturing process specifications for aviation (filament layer manufacturing)	Manufacturing	New	2H 2024
SS 9:2014 Specification for protective helmets for motor cyclists	Safety and Quality	Review	2H 2024

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS 102:1996 Specification for valves and safety valves for land boilers, steam vessels and piping installation	Safety and Quality	Withdrawal	1H 2024
SS 343-1:2014 Specification for lifting gear – Part 1: Wire rope slings (Modified adoption of ISO 7531:1987(2012))	Safety and Quality	Review	1H 2026
SS 343-2:2014 Specification for lifting gear – Part 2: Hooks (Modified adoption of ISO 7597:2013)	Safety and Quality	Review	2026
SS 343-3:2014 Specification for lifting gear – Part 3: Shackles (Modified adoption of ISO 2415:2004)	Safety and Quality	Review	2026
SS 400:2023 Specification for liquefied petroleum gas and non-refillable gas canisters for portable gas appliances (Revision of SS 400:1997) (Modified adoption of JIS S 2148:2013)	Safety and Quality	Revision	Published
SS 401:2023 Specification for portable gas appliances – General specifications and test methods (Revision of SS 401:1997) (Modified adoption of JIS S 2147:2017)	Safety and Quality	Revision	Published
SS 448-1:1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 1: Dimensional and design characteristics	Safety and Quality	Withdrawal	2H 2023
SS 448-2:1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 2: Water tightness and pressure resistance characteristics	Safety and Quality	Withdrawal	2H 2023
SS 448-3:1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 3: Hydraulic characteristics	Safety and Quality	Withdrawal	2H 2023
SS 448-4:1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 4: Mechanical and endurance characteristics	Safety and Quality	Withdrawal	2H 2023
SS 448-5:1998 Performance of draw-off taps with metal or plastic bodies for water services – Physio-chemical characteristics : Materials, coatings	Safety and Quality	Withdrawal	2H 2023
SS 513-1:2013 Specification for personal protective equipment – Footwear – Part 1: Safety footwear (Identical adoption of ISO 20345:2011)	Safety and Quality	Review	2H 2025
SS 513-2:2013 Specification for personal protective equipment – Footwear – Part 2: Test methods for footwear (Identical adoption of ISO 20344:2011)	Safety and Quality	Review	2H 2025
SS 536:2023 Code of practice for the safe use of mobile cranes (Revision of SS 536:2008)	Safety and Quality	Review	Published
SS 562:2010 Code of Practice for safety in trenches, pits and other excavated areas	Safety and Quality	Review	2027
SS 699:2023 Specification for connecting joints used in domestic liquefied petroleum gas (LPG) cooker systems	Safety and Quality	New	Published
SS 700:2023 Code of practice for water safety – Aquatic facilities (Review and renumbering of TR 71:2019)	Safety and Quality	Review	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS 701:2023 Code of practice for inland and open water sporting activities	Safety and Quality	New	Published
TR 32:2012 Technical Reference for recreational diving	Safety and Quality	Withdrawal	1H 2024
TR 43:2015 Technical Reference for management consultants (Replaced by SS 680:2021)	Safety and Quality	Withdrawal	1H 2025
SS EN 420:2003+A1:2016 Protective gloves – General requirements and test methods (Identical adoption of EN 420:2003)	Safety and Quality	Withdrawal	1H 2024
SS ISO 9000:2015(2023) Quality Management Systems – Fundamentals and Vocabulary (Identical adoption of ISO 9000:2015)	Safety and Quality	Confirmation	Published
SS ISO 9001:2015(2023) Quality management systems – Requirements (Identical adoption of ISO 9001:2015)	Safety and Quality	Confirmation	Published
SS ISO 9004:2018 Quality management – Quality of an organisation – Guidance to achieve sustained success (Identical adoption of ISO 9004:2018)	Safety and Quality	Confirmation	1H 2024
SS ISO 10017:2023 Quality management – Guidance on statistical techniques for SS ISO 9001:2015 (Identical adoption of ISO 10017:2021)	Safety and Quality	New	Published
SS ISO 12100 Safety of machinery – General principles for design – Risk assessment and risk reduction (Identical adoption of ISO 12100:2010)	Safety and Quality	New	1H 2024
SS ISO 21420:2023 Protective gloves – General requirements and test methods (Identical adoption of ISO 21420:2020+Amd1:2022)	Safety and Quality	New	Published
SS ISO 22003-1:2023 Food safety – Part 1 : Requirements for bodies providing audit and certification of food safety management systems (Review of TR ISO/TS 22003:2017) (Identical adoption of ISO 22003-1:2022)	Safety and Quality	Revision	Published
SS ISO 22003-2:2023 Food safety – Part 2 : Requirements for bodies providing evaluation and certification of products, processes and services, including an audit of the food safety system (Identical adoption of ISO 22003-2:2022)	Safety and Quality	New	Published
SS ISO 22341:2023 Security and resilience – Protective security – Guidelines for crime prevention through environmental design (Identical adoption of ISO 22341:2021)	Safety and Quality	New	Published
SS ISO 45001:2018(2023) Occupational health and safety management systems – Requirements with guidance for use (Identical adoption of ISO 45001:2018)	Safety and Quality	Confirmation	Published
SS ISO 45002:2023 Occupational health and safety management systems — General guidelines for the implementation of ISO 45001:2018 (Identical adoption of ISO 45002:2023)	Safety and Quality	New	Published

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
SS ISO 45004 Occupational health and safety management – Guidelines on performance evaluation (Identical adoption of upcoming ISO 45004:2023)	Safety and Quality	New	2H 2024
SS ISO 45006 Occupational health and safety management – Guidelines for organisations on preventing, controlling and managing infectious diseases (Identical adoption of upcoming ISO 45006:2023)	Safety and Quality	New	1H 2024
SS ISO/IEC 17000 Conformity assessment – Vocabulary and general principles (Revision of SS ISO/IEC 17000:2017) (Identical adoption of ISO/IEC 17000:2020)	Safety and Quality	Revision	1H 2024
SS ISO/IEC 17043:2023 Conformity assessment – General requirements for the competence of proficiency testing providers (Revision of SS ISO/IEC 17043:2017) (Identical adoption of ISO/IEC 17043:2023)	Safety and Quality	Revision	Published
TR ISO/TS 9002 Quality management systems – Guidelines for the application of SS ISO 9001:2015	Safety and Quality	New	1H 2024
TR ISO/TS 22003:2017 Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems (Identical adoption of ISO/TS 22003:2013) (Replaced by SS ISO 22003-1:2023)	Safety and Quality	Withdrawal	2H 2025
Outdoor adventure education management system	Safety and Quality	New	2H 2024
Risk management – Vocabulary (Modified adoption of ISO 31073:2022)	Safety and Quality	New	2H 2024
SS 545:2023 Code of practice for hotel security (Revision of SS 545:2009)	Services	Revision	Published
SS 693:2023 Geragogy guidelines on training senior learners	Services	New	Published
TR 76:2020+A1:2022 Guidelines for electronic commerce transactions	Services	Review	1H 2025
WA 4:2023 Sustainable MICE – Guidelines for carbon emissions management	Services	New	Published
TR 39:2015 Freight container equipment interchange receipt	Trade & Connectivity	Review	1H 2024
Technical Reference – Common data standard for container logistics flow	Trade & Connectivity	New	1H 2024
SS IEC 60812:2023 Failure modes and effects analysis (FMEA & FMECA) (Identical adoption of IEC 60812:2018)	Transportation	New	Published
TR 25-1:2022 Technical Reference – Electric vehicles charging system – Part 1: Electrical safety and general requirements	Transportation	Revision	1H 2025
TR 25-2:2022 Technical Reference – Electric vehicles charging system – Part 2: Low power charging	Transportation	Revision	1H 2025
TR 25-3:2022 Technical Reference – Electric vehicles charging system – Part 3: High power charging	Transportation	Revision	1H 2025

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 31 December 2023)**

Title of Standard	Sector	Type	Expected completion
TR 25-4:2022 Technical Reference – Electric vehicles charging system – Part 4: Battery swapping	Transportation	Revision	1H 2025
TR 112:2023 Specification for system and software modifications in the rapid transit system	Transportation	New	Published
TR 113:2023 Mass rapid transit and light rail transit operations – Terminology for railway operations	Transportation	New	Published
TR 115:2023 Mass rapid transit and light rail transit operations – Baseline requirements for service delivery, commuter experience and incident management	Transportation	New	1H 2024
Technical Reference – Risk management framework for railway assets	Transportation	New	1H 2024
Technical Reference – Maintenance regime for conductor rail system and overhead catenary system	Transportation	New	1H 2024
Technical Reference – Maintenance regime for pump and drainage system for railway tunnel and station	Transportation	New	1H 2024
Technical Reference – Obsolescence management for railway	Transportation	New	1H 2024
Technical Reference – Mass rapid transit and light rail transit – Guide for track allocation for track access	Transportation	New	1H 2024
Technical Reference – Mass rapid transit – Guide for operations in rail depot	Transportation	New	1H 2024
Technical Reference – Types of railway signs	Transportation	New	1H 2024
Technical Reference – Terminology and abbreviations for railway power system	Transportation	New	1H 2024
Technical Reference – Terminology and abbreviations for railway signalling	Transportation	New	1H 2024
Technical Reference – Terminology and abbreviations for rolling stock	Transportation	New	1H 2024
Quality management – Guidelines for configuration management (Modified adoption of ISO 10007:2017)	Transportation	New	1H 2024
Mass rapid transit and light rail transit – Guide for operations of operations control centre (OCC)	Transportation	New	1H 2024
Mass rapid transit – Guide for operations of station	Transportation	New	1H 2024
Mass rapid transit – Guide for operations of on-track equipment (OTE)	Transportation	New	1H 2024
Mass rapid transit and light rail transit – Guide for using dedicated radio devices to communicate among rail personnel	Transportation	New	1H 2024
Mass rapid transit and light rail transit – Guide for development and review of rulebooks for railway	Transportation	New	1H 2024