

**Work Programme for the Development of Singapore Standards
(Information is updated every 6 months; last update: 30 June 2021)**

List of Singapore Standards and Technical References currently under development:			
Title of Standard	Sector	Type	Expected completion
SS 582 : Part 1 : 2020 Specification for thermal imagers for human temperature screening – Part 1 : Requirements	Biomedical & Health	Revision	Published
SS 582 : Part 2 : 2020 Specification for thermal imagers for human temperature screening – Part 2 : Implementation guidelines	Biomedical & Health	Revision	Published
SS 620 : 2016 Good distribution practice for medical devices - Requirements	Biomedical & Health	Revision	2H 2021
SS 656 : 2020 Specification for the design, development and validation of miRNA-based diagnostics	Biomedical & Health	New	Published
SS 669 : Part 1 : 2020 Respiratory protective devices – Filtering half masks to protect against particles – Requirements, testing, marking (Identical adoption of EN 149:2001+A1:2009)	Biomedical & Health	New	Published
SS 669 : Part 2 : 2020 Medical face masks – Requirements and test methods (Identical adoption of EN 14683:2019+AC:2019)	Biomedical & Health	New	Published
SS 669 : Part 3 : 2020 Standard specification for performance of materials used in medical face masks (Identical adoption of ASTM F2100-19)	Biomedical & Health	New	Published
SS 669 : Part 4 : 2020 Standard test method for evaluating the bacterial filtration efficiency (BFE) of medical face mask materials, using a biological aerosol of Staphylococcus aureus (Identical adoption of ASTM F2101-19)	Biomedical & Health	New	Published
SS 669 : Part 5 : 2020 Standard test method for determining the initial efficiency of materials used in medical face masks to penetration by particulates using latex spheres [Identical adoption of ASTM F2299 / F2299M-03(2017)]	Biomedical & Health	New	Published
SS IEC 60601-1 : 2018 Safety and essential performance of medical electrical equipment (collateral standards)	Biomedical & Health	Amendment	Published
SS IEC 62366-1 : 2018 Medical devices – Part 1: Application of usability engineering to medical devices (Identical adoption of IEC 62366-1:2015/AMD1:2020)	Biomedical & Health	Amendment	Published
SS IEC 60601-1-2 : 2018 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests (Identical adoption of IEC 60601-1-2:2014/AMD1:2020)	Biomedical & Health	Amendment	Published

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SS IEC 60601-1-6 : 2018 Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral standard: Usability (Identical adoption of IEC 60601-1-6:2010/AMD2:2020)	Biomedical & Health	Amendment	Published
SS IEC 60601-1-8 : 2018 Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems (Identical adoption of IEC 60601-1-8:2006/AMD2:2020)	Biomedical & Health	Amendment	Published
SS IEC 60601-1-9 : 2018 Medical electrical equipment – Part 1-9: General requirements for basic safety and essential performance – Collateral standard: Requirements for environmentally conscious design (Identical adoption of IEC 60601-1-9:2007/AMD2:2020)	Biomedical & Health	Amendment	Published
SS IEC 60601-1-10 : 2018 Medical electrical equipment – Part 1-10: General requirements for basic safety and essential performance – Collateral standard: Requirements for the development of physiologic closed-loop controllers (Identical adoption of IEC 60601-1-10:2007/AMD2:2020)	Biomedical & Health	Amendment	Published
Amendment No. 1 to SS IEC 60601-1-11 : 2018 Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (Identical adoption of IEC 60601-1-11:2015/AMD1:2020)	Biomedical & Health	Amendment	Published
SS IEC 60601-1-12 : 2018 Medical electrical equipment – Part 1-12: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment (Identical adoption of IEC 60601-1-12:2014/AMD1:2020)	Biomedical & Health	Amendment	Published
SS ISO 10993-12 : 2021 Biological evaluation of medical devices – Part 12: Sample preparation and reference materials	Biomedical & Health	Revision	Published
SS ISO 11138-7 : 2020 Sterilisation of health care products — Biological indicators — Part 7: Guidance for the selection, use and interpretation of results	Biomedical & Health	New	Published
SS ISO 11737-1 : 2018 Sterilisation of medical devices — Microbiological methods – Part 1: Determination of a population of microorganisms on products	Biomedical & Health	Amendment	2H 2021
SS ISO 14155 : 2020 Clinical investigation of medical devices for human subjects – Good clinical practice (Identical adoption of ISO 14155:2020)	Biomedical & Health	Review	Published

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Title of Standard	Sector	Type	Expected completion
SS ISO 14161:2018 Sterilisation of health care products – Biological indicators – Guidance for the selection, use and interpretation of results	Biomedical & Health	Withdrawal	Completed
SS ISO 14971 : 2020 Medical devices – Application of risk management to medical devices	Biomedical & Health	Revision	Published
SS ISO 15223-1 : 2018 Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements	Biomedical & Health	Review	2H 2021
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	2023
SS ISO 21322 : 2020 Cosmetics – Microbiology –Testing of impregnated or coated wipes and masks	Biomedical & Health	New	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	2023
TR ISO/TR 24971 : 2020 Medical devices – Guidance on the application of SS ISO 14971	Biomedical & Health	New	Published
Biorisk management for laboratories and other related organisations (Identical adoption of ISO 35001 : 2019)	Biomedical & Health	New Work Item	2H 2021
Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (Adoption of ISO 80601-2-56:2017)	Biomedical & Health	New Work Item	1H 2022
Specification for biosafety Level 3 laboratories	Biomedical & Health	New Work Item	2H 2022
Comprehensive grading standard for artemisiae argyi	Biomedical & Health	New Work Item	1H 2023
Rapid, non-destructive, on site near infrared spectroscopy (NIRS) based authentication method for edible bird's nest	Biomedical & Health	New Work Item	1H 2023
SS 2 : Part 2 : 1999 Specification for steel for the reinforcement of concrete – Part 2: Ribbed bars (steel grade 500)	Building & Construction	Mature	Completed
SS 2 : Part 3 : 1987 Specification for steel for the reinforcement of concrete – Part 3: Plain and ribbed bar (steel grades 250 and 460)	Building & Construction	Mature	Completed
SS 18 : Part 1 : 1999 Specification for cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric – Part 1: Steel grade 500	Building & Construction	Mature	Completed
SS 18 : Part 2 : 1970 Specification for cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric – Part 2: Steel grade 485	Building & Construction	Mature	Completed

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SS 32 : Part 1 : 1999 Specification for welded steel fabric for the reinforcement of concrete – Part 1: Steel grades 300 and 500	Building & Construction	Mature	Completed
SS 32 : Part 2 : 1986 Specification for welded steel fabric for the reinforcement of concrete – Part 2: Steel grade 485	Building & Construction	Mature	Completed
SS 30 : 1999 (2012) Manhole tops and surface-box tops	Building & Construction	Revision	2H 2021
SS 71 : 1972(2011) Specification for nomenclature of commercial timbers	Building & Construction	Mature	Completed
SS 72 : 2014 (2020) Specification for treatment of timber and plywood with copper/chrome/arsenic wood preservatives	Building & Construction	Mature	Completed
SS 75 : Part 2 : 1978(2012) Specification for draw-off taps and stopvalves for water services (screw-down pattern)	Building & Construction	Mature	Completed
SS 173 : 1977(2011) Glossary of terms relating to timber and woodwork	Building & Construction	Mature	Completed
SS 183 : 1978 Concrete cylindrical pipes and fittings including manholes and street gullies	Building & Construction	Revision	2H 2021
SS 213 : 1998 Unplasticised PVC pipes and fittings for soil, waste and vent applications	Building & Construction	Review	2H 2021
SS 214 : 2009 Specification for precast concrete kerbs	Building & Construction	Revision	1H 2022
SS 215 : 1979(2011) Specification for adjustable galvanised steel louvre windows	Building & Construction	Mature	Completed
SS 272 : 2012 Specification for unplasticised PVC pipes and fittings below ground for drainlines and sewers	Building & Construction	Review	2H 2021
SS 333 : 2012 Specification for fire dampers	Building & Construction	Review	2H 2021
SS 381 : 1996 (2007) Specification for materials and performance tests for aluminium curtain walls	Building & Construction	Withdrawal	Completed
SS 499 : 2002 (2015) Cleaning services industry – Cleaning performance for commercial premises	Building & Construction	Revision	2H 2022
SS 515 : 2005 Code of practice for supervision of structural works	Building & Construction	Revision	2H 2021
SS 517 : 2005 (2020) Code of practice for information exchange and documentation at handling / taking over of buildings upon completion	Building & Construction	Mature	Completed
SS 527 : 2006 (2020) Code of practice for building project document control system	Building & Construction	Mature	Completed
SS 533: 2007 (2015) Cleaning performance for public housing estates	Building & Construction	Revision	2H 2022
SS 544 : Part 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	Amendment	Under publication

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SS 544 : Part 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	Amendment	Under publication
SS 553 : 2016 Code of practice for air-conditioning and mechanical ventilation in buildings	Building & Construction	Amendment	Published
SS 554 : 2016 Code of practice for indoor air quality for air-conditioned buildings	Building & Construction	Amendment	2H 2021
SS 556 : 2010 Code of practice for the design and management of aquatic facilities	Building & Construction	Revision	2H 2021
SS 575 : 2012 Code of practice for fire hydrant, rising mains and hose reel systems	Building & Construction	Amendment	2H 2021
SS 580 : 2020 Code of practice for formwork (Revision of SS 580 : 2012)	Building & Construction	Revision	Published
SS 591 : 2013 Code of practice for long term measurement of central chilled water system energy efficiency	Building & Construction	Revision	2H 2021
SS 598 : 2014 Code of practice for suspended scaffolds	Building & Construction	Amendment	1H 2022
SS 610: 2016 Cleaning performance of retail food & beverage premises	Building & Construction	Revision	2H 2022
SS 636 : 2018 Code of practice for water services	Building & Construction	Amendment	Published
SS 636 : 2018+A1:2019 Code of practice for water services (Amd 2)	Building & Construction	Amendment	Published
SS 636 : 2018+A2:2020 Code of practice for water services (Amd 3)	Building & Construction	Amendment	Published
SS 636 : 2018+A3:2020 Code of practice for water services (Amd 4)	Building & Construction	Amendment	2H 2021
SS 653 : 2020 Code of practice for glazing in buildings - safety related to human impact	Building & Construction	New	Published
SS 654 : 2020 Code of practice for curtain walls	Building & Construction	New	Published
SS 665 : 2020 Code of practice for ceramic wall and floor tiling	Building & Construction	New	Published
SS EN 1992-1-1:2008(2020) confirmed with Amendment No. 1 Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings	Building & Construction	Amendment	Published
NA to SS EN 1992-1-1:2008(2020) confirmed with Amendment No. 2 Singapore National Annex to Eurocode 2 – Design of concrete structures – Part 1-1 : General rules and rules for buildings	Building & Construction	Amendment	Published
SS EN 1992-2 : 2012 Eurocode 2 : Design of concrete structures - Part 2 : Concrete bridges - Design and detailing rules	Building & Construction	Review	Completed
NA to SS EN 1992-2 : 2012 Eurocode 2 : Design of concrete structures - Part 2 : Concrete bridges - Design and detailing rules	Building & Construction	Review	Completed
SS EN 1992-4 Eurocode 2 : Design of concrete structures – Part 4: Design of fastenings for use in concrete	Building & Construction	New	2H 2021
NA to SS EN 1992-4 National Annex to Eurocode 2 : Design of concrete structures – Part 4: Design of fastenings for use in concrete	Building & Construction	New	2H 2021

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SS EN 1993-1-1 : 2010 — Eurocode 3 : Design of steel structures — Part 1-1 : General rules and rules for buildings	Building & Construction	Amendment	Published
NA to SS EN 1993-1-1 : 2010 — Singapore National Annex to Eurocode 3 : Design of steel structures — Part 1-1 : General rules and rules for buildings	Building & Construction	Amendment	Published
SS EN 1993-1-4 : 2011 — Eurocode 3 : Design of steel structures — Part 1-4 : General rules — Supplementary rules for stainless steels	Building & Construction	Amendment	Published
SS EN 1993-1-4 : 2011 — Eurocode 3 : Design of steel structures — Part 1-4 : General rules — Supplementary rules for stainless steels	Building & Construction	Amendment	Published
SS EN 1993-2 : 2011 Eurocode 3: Design of steel structures — Part 2 : Steel bridges	Building & Construction	Confirmation	Completed
NA to SS EN 1993-2 : 2011 Singapore National Annex to Eurocode 3 : Design of steel structures — Part 2 : Steel bridges	Building & Construction	Confirmation	Completed
SS EN 1993-4-1:2011 Eurocode 3 – Design of steel structures – Part 4-1: Silo	Building & Construction	Amendment	Published
SS EN 1993-4-2:2011 Eurocode 3 – Design of steel structures – Part 4-2: Tanks	Building & Construction	Amendment	Published
SS EN 1993-5 : 2010 Eurocode 3 : Design of steel structures — Part 5 : Piling	Building & Construction	Confirmation	Completed
NA to SS EN 1993-5 : 2010 Singapore National Annex to Eurocode 3 : Design of steel structures Part 5 : Piling	Building & Construction	Confirmation	Completed
SS EN 1994-1-1 : 2009 Eurocode 4 : Design of composite steel and concrete structures — Part 1-1 : General rules and rules for buildings	Building & Construction	Confirmation	Completed
NA to SS EN 1994-1-1 : 2009 Singapore National Annex to Eurocode 4 : Design of composite steel and concrete structures — Part 1-1 General rules and rules for buildings	Building & Construction	Confirmation	Completed
SS EN 1994-1-2 : 2009 Eurocode 4 : Design of composite steel and concrete structures — Part 1-2 : General rules — Structural fire design	Building & Construction	Confirmation	Completed
NA to SS EN 1994-1-2 : 2009 Singapore National Annex to Eurocode 4 : Design of composite steel and concrete structures — Part 1-2 General rules — Structural fire design	Building & Construction	Confirmation	Completed
SS EN 1994-2 : 2011 Eurocode 4 : Design of composite steel and concrete structures — Part 2 : General rules and rules of bridges	Building & Construction	Confirmation	Completed
NA to SS EN 1994-2 : 2011 Singapore National Annex to Eurocode 4 : Design of composite steel and concrete structures — Part 2 : General rules and rules for bridges	Building & Construction	Confirmation	Completed
SS EN 1997-2:2010(2020) Eurocode 7: Geotechnical design – Part 2: Ground investigation and testing	Building & Construction	Confirmation	Completed

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NA to SS EN 1997-2:2010(2020) Eurocode 7: Geotechnical design – Part 2: Ground investigation and testing	Building & Construction	Confirmation	Completed
CP 7 : 1997(2014) Code of practice for the structural use of timber	Building & Construction	Mature	Completed
CP 52 : 2004 Code of practice for automatic fire sprinkler system	Building & Construction	Revision	2H 2021
CP 65 : Part 1 : 1999 Code of practice for structural use of concrete – Part 1: Design and construction	Building & Construction	Mature	Completed
CP 65 : Part 2 : 1996 Code of practice for structural use of concrete – Part 2: Special circumstances	Building & Construction	Mature	Completed
CP 68 : 1997 Code of practice for ceramic wall and floor tiling (replaced by SS 665 : 2020)	Building & Construction	Withdrawal	Completed
CP 73 : 1998 Code of practice for design of concrete structures for retaining aqueous liquids	Building & Construction	Mature	Completed
CP 79 : 1999 Code of practice for workplace safety and health management system for construction worksites	Building & Construction	Revision	2H 2021
CP 80 : 1999 (2020) Code of practice for classification of construction cost information	Building & Construction	Mature	Completed
CP 81 : 1999 Code of practice for precast concrete slabs and wall panels	Building & Construction	Withdrawal	2H 2021
CP 83 : Part 1 : 2004 (2020) Code of practice for construction computer-aided design (CAD) – Part 1: Organisation and naming of CAD layers	Building & Construction	Confirmation	Completed
CP 83 : Part 2 : 2000 (2020) Code of practice for construction computer-aided design (CAD) Part 2 : CAD symbols Amendment 1 : 2004	Building & Construction	Confirmation	Completed
CP 83 : Part 3 :2001 (2020) Code of practice for construction computer-aided design (CAD) Part 3 : Organising and naming of CAD files	Building & Construction	Confirmation	Completed
CP 83 : Part 4 :2001 (2020) Code of practice for construction computer-aided design (CAD) Part 4 : CAD drafting conventions	Building & Construction	Confirmation	Completed
CP 83 : Part 5 : : 2001 (2020) Code of practice for construction computer-aided design (CAD) Part 5 : Colour and linetype	Building & Construction	Confirmation	Completed
CP 96 : 2002 (2011) Code of practice for curtain walls	Building & Construction	Withdrawal	Completed
CP 97 : Part 1 : 2002 (2020) Code of practice for construction electronic measurement standards (CEMS) – Part 1: Standard method of measurement (SMM) for building works	Building & Construction	Mature	Completed

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CP 97: Part 2 : 2004 (2010) Code of practice for construction electronic measurement standards (CEMS) – Part 2: Standard method of measurement (SMM) for mechanical and electric works	Building & Construction	Mature	Completed
TR 42 : 2015 Facility design guidelines for acute general hospitals	Building & Construction	Withdrawal	2H 2021
TR 88 : 2021 Use of technologies and processes for safe management measures	Building & Construction	New	Published
Code of practice for Passive displacement cooling (PDC) system for air-conditioning application	Building & Construction	New Work Item	1H 2022
Gate designs	Building & Construction	New	1H 2022
Execution of concrete structures (Adoption of EN 13670:2009)	Building & Construction	New	2H 2021
Design of fibre concrete structures (Modified adoption of Swedish Standard SS 812310 : 2014)	Building & Construction	New	2H 2021
Facility design for acute general hospital	Building & Construction	New	2H 2021
Industry foundation classes (IFC) for data sharing in the construction and facility management industries — Part 1: Data schema (Adoption of ISO 16739-1:2018)	Building & Construction	New Work Item	2H 2021
Code of practice for Building facade inspection and diagnostic using infrared thermography (IRT)	Building & Construction	New Work Item	2H 2022
Measurement of cleaning performance for commercial, housing estates and retail F&B premises	Building & Construction	New Work Item	2H 2022
Technical Reference - Mechanical, electrical and plumbing (MEP) design guidelines for general hospitals	Building & Construction	New Work Item	2H 2023
SS 5 : Part 0 : 2020 Methods of test for paints, varnishes and related materials – Part 0: General Introduction	Chemical	Revision	Published
SS 5 : Part A5 : 2020 Methods of test for paints, varnishes and related materials - Part A5: Lighting and procedure for visual assessments of coatings (Identical adoption of ISO 13076 : 2019)	Chemical	New	Published
SS 5 : Part C6 : 1988 (2019) Determination of low concentrations of lead, cadmium and cobalt in paint by atomic absorption spectroscopy	Chemical	Amendment	2H 2021
SS 5 : Part D3 : 1988 Methods of test for paints, varnishes and related materials — Part D3 : Hard-drying time	Chemical	Withdrawal	Completed
SS 5 : Part D6 : 2020 Methods of test for paints, varnishes and related materials - Part D6 Hard dry time –Test using a mechanical recorder (Modified adoption of ISO 9117-4:2012)	Chemical	New	Published

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SS 5 : Part G6 : 2020 Methods of test for paints, varnishes and related materials — Part G6 : Determination of resistance to humidity – Condensation (single-sided exposure) (Identical adoption of 6270-1:2017)	Chemical	Revision	Published
SS 5 : Part G7 : 2020 Methods of test for paints, varnishes and related materials — Part G7 : Determination of resistance to humidity – Condensation (in-cabinet exposure with heated water reservoir) (Identical adoption of 6270-2:2017)	Chemical	Revision	Published
SS 5 : Part G9 : 2013 Methods of test for paints, varnishes and related materials — Part G9 : Artificial weathering and exposure to artificial radiation — Exposure to filtered xenon-arc radiation	Chemical	Withdrawal	Completed
SS 5 : Part G11 : 2020 Methods of test for paints, varnishes and related materials - Part G11 Methods of exposure to laboratory light sources — General guidance [Modified adoption of ISO 16474-1:2013(2019)]	Chemical	New	Published
SS 5 : Part G12 : 2020 Methods of test for paints, varnishes and related materials - Part G12 Methods of exposure to laboratory light sources — Xenon-arc lamps (Identical adoption of ISO 16474-2:2013)	Chemical	New	Published
SS 7 : 2021 Specification for paint – Finishing, gloss enamel	Chemical	Revision	Published
SS 34 : 2021 Specification for undercoat paint for gloss enamel	Chemical	Revision	Published
SS 37 : 1998 Specification for aluminium paint	Chemical	Amendment	Published
SS 38 : 1998 Specification for aluminium wood primer	Chemical	Amendment	Published
SS 150 : 2015 Specification for emulsion paint for decorative purposes	Chemical	Review	2H 2021
SS 190 : 1978 (2019) Scouring powder	Chemical	Mature	Published
SS 285 : 2013 (2019) Specification for liquid detergent for hand dishwashing	Chemical	Mature	Published
SS 345 : 2015 Specification for algae resistant emulsion paint for decorative purposes	Chemical	Amendment	Published
SS 494 : 2001 Specification for lead and chromate-free primer for iron and steel substrates	Chemical	Amendment	Published
SS 500 : 2015 Specification for elastomeric wall coating	Chemical	Amendment	Published
SS 506 : Part 3 : 2013 — Occupational safety and health (OSH) management systems — Part 3 : Requirements for the chemical industry	Chemical	Withdrawal	2H 2021
SS 512 : 2021 Code of practice for the design, construction and operation of pipeline service corridors (Revision of SS 512 : 2005)	Chemical	Revision	Published
SS 524 : 2014 Specification for quality management for bunker supply chain (QMBS)	Chemical	Review	1H 2022
SS 532: 2016 Code of practice for the storage of flammable liquids	Chemical	Revision	2023

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SS 581 : 2020 Specification for fineness and marking of articles of precious metals (Revision of SS 581 : 2012)	Chemical	Revision	Published
SS 586-1 : 2014 Specification for hazard communication for hazardous chemicals and dangerous goods — Part 1 : Transport and storage of dangerous goods	Chemical	Revision	Published
SS 586-2 : 2014 Specification for hazard communication for hazardous chemicals and dangerous goods — Part 2 : Globally harmonised system of classification and labelling of chemicals – Singapore’s adaptations	Chemical	Revision	1H 2022
SS 586-3 : 2008 (2014) Specification for hazard communication for hazardous chemicals and dangerous goods — Preparation of safety data sheets (SDS)	Chemical	Revision	1H 2022
SS 597 : 2020 Code of practice for bulk liquid oxygen storage installations on user premises (Revision of SS 597: 2014)	Chemical	Revision	Published
SS 600 : 2014 Code of practice for bunkering	Chemical	Review	1H 2022
SS 603 : 2014 Code of practice for hazardous waste management	Chemical	Revision	1H 2022
SS 648 Code of practice for bunker mass flow metering	Chemical	New	Published
SS 660 : 2020 Code of practice for bunker cargo delivery from oil terminal to bunker tanker using mass flow meter	Chemical	New	Published
SS 667 : 2020 Code of practice on handling and storage of combustible dust	Chemical	New	Published
TR 48 : 2015 Bunker mass flow metering (replaced by SS 648 : 2019)	Chemical	Withdrawal	Completed
TR 56 : 2020 : LNG bunkering - Part 2 : Requirements for custody transfer	Chemical	Amendment	To be confirmed
TR 80 : 2020 Code of practice for meter verification using master mass flow meter	Chemical	New	Published
Specification for water-based enamel paint	Chemical	New	1H 2022
Specification for water-based primer for metal and wood	Chemical	New	1H 2022
Specification for solar reflective water-based coatings	Chemical	New	1H 2022
Safe handling of thermal foggers during pest management activities	Chemical	New	2H 2021
Oil spill dispersant — Part 1 Specifications	Chemical	New	2H 2022
Oil spill dispersant — Part 2: Operational guidelines	Chemical	New	2H 2022
SS 145 Part 1 : 2020 Specification for 13 A plugs and socket-outlets — Part 1 : Rewirable and non-rewirable 13 A fused plugs	Electrical & Electronic	Revision	Published
SS 246 : 2016 Specification for fused and unfused adaptors	Electrical & Electronic	Withdrawal	Completed

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SS 299 : 2020 Fire-resistant cables of rated voltage up to and including 600/1000V for fixed installations, having low emission of smoke and corrosive gases when affected by fire – Requirements and test methods [Revision of SS 299 : Part 1 : 1998 (2013), re-designated as SS 299] (Modified adoption of BS 6387:2013)	Electrical & Electronic	Revision	2H 2021
SS 322 : 2015 on Specification for earthing and bonding clamps	Electrical & Electronic	Mature	2H 2021
SS 360: 1992 (2012) Performance and construction of electric circulating fans and regulators	Electrical & Electronic	Review	1H 2022
SS 403 : 2013 Specification for 13A fused connection units switched and unswitched	Electrical & Electronic	Review	2H 2022
SS 472 : 1999(2012) confirm with Amendment No. 1 Specification for 15 A plugs and switched socket-outlets for domestic and similar purposes	Electrical & Electronic	Confirmation	Completed
SS 546 : 2009 Code of practice for emergency voice communication systems in buildings	Electrical & Electronic	Revision	2H 2021
SS 551 : 2009 Code of practice for earthing	Electrical & Electronic	Review	2H 2022
SS 555 : Part 3 : 2018 Protection against lightning – Part 3 : Physical damage to structures and life hazard	Electrical & Electronic	Amendment	Published
SS 601 : Part 1 : 2020 Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – documentation, commissioning tests and inspection (Modified adoption of IEC 62446-1:2016+Amd1:2018) (Revision and redesignation of SS 601 : 2014)	Electrical & Electronic	Revision	Published
SS 638 : 2018 Code of practice for electrical installations	Electrical & Electronic	Amendment	2H 2021
SS IEC 61730-1 : 2020 Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (Revision of SS IEC 61730-1 : 2015) (Identical adoption of IEC 61730-1:2016)	Electrical & Electronic	Revision	Published
SS IEC 61730-2 : 2020 Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (Revision of SS IEC 61730-2 : 2015) (Identical adoption of IEC 61730-2:2016)	Electrical & Electronic	Revision	Published
CP 88 : Part 3: 2004 Code of practice for temporary electrical installations, Part 3: Shipbuilding and ship-repairing yards	Electrical & Electronic	Review	2H 2022
TR 25 : 2016 Electric vehicle charging system	Electrical & Electronic	Amendment	Published
TR 25 : 2016 Electric vehicle charging system	Electrical & Electronic	Review	2H 2021
TR 77 : Part 1 : 2020 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	New	Published

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TR 77 : Part 2 : 2020 Electrical energy storage (EES) systems – Part 2: Safety considerations for grid-integrated EES systems – General specification (Modified adoption of IEC TS 62933-5-1:2017)	Electrical & Electronic	New	Published
TR IEC TS 60904-1-2:2020 Photovoltaic devices – Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices (Identical adoption of IEC TS 60904-1-2:2019)	Electrical & Electronic	New	Published
TR IEC TS 62600-10:2020 Marine energy – Wave, tidal and other water current converters – Part 10: Assessment of mooring system for marine energy converters (MECs) (Identical adoption of TR IEC TS 62600-10:2015)	Electrical & Electronic	New	Published
TR IEC TS 62600-201:2020 Marine energy – Wave, tidal and other water current converters – Part 201: Tidal energy resource assessment and characterisation (Identical adoption of TR IEC TS 62600-201:2015)	Electrical & Electronic	New	Published
Mechanical, electrical and plumbing (MEP) design guidelines for healthcare facilities	Building & Construction	New Work Item	2H 2022
SS 642 : 2019 – Code of practice for pneumatic waste conveyance system	Environment & Resources	Amendment	Published
SS 664 : 2020 Code of practice for long-term measurement of compressed air system energy efficiency	Environment & Resources	New	Published
SS ISO 50003: 2014 Energy management systems - Requirements for bodies providing audits and certification of energy management systems	Environment & Resources	Revision	2H 2021
SS ISO 50004:2021 Energy management systems – Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system)	Environment & Resources	Revision	Published
SS ISO 50006:2014 (Energy Management Systems – Measuring energy performance using energy baselines and energy performance indicators – General principles and guidance)	Environment & Resources	Revision	1H 2022
SS ISO/ASME 14414 : 2017 Pump system energy assessment	Environment & Resources	Withdrawal	Completed
SS ISO 12759 : 2017 Fans -- Efficiency classification for fans	Environment & Resources	Withdrawal	Completed
SS ISO 14065 : 2021 General principles and requirements for bodies validating and verifying environmental information	Environment & Resources	Revision	Published
SS ISO 14064-1 : 2021 Greenhouse gases – Part 1 : Specification with guidance at the organisation level for quantification and reporting of greenhouse gas emissions and removals (Identical adoption of ISO 14064-1 : 2018)	Environment & Resources	New	Published

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Title of Standard	Sector	Type	Expected completion
SS ISO 14064-2 : 2021 Greenhouse gases – Part 2 : Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (Identical adoption of ISO 14064-2 : 2019)	Environment & Resources	New	Published
SS ISO 14064-3 : 2021 Greenhouse gases – Part 3 : Specification with guidance for the verification and validation of greenhouse gas statements (Identical adoption of ISO 14064-3 : 2019)	Environment & Resources	New	Published
TR ISO/TR 14069 : 2020 Greenhouse gases – Quantification and reporting of greenhouse gas emissions for organisations – Guidance for the application of SS ISO 14064-1 (Identical adoption of ISO/TR 14069:2013)	Environment & Resources	New	Published
Code of practice for renewable energy certificates	Environment & Resources	New	2H 2021
Specification for production and application of biochar	Environment & Resources	New Work Item	2H 2022
Technical Reference – Sustainable packaging guiding framework and practices	Environment & Resources	New Work Item	2H 2022
SS 552: 2016 Code of practice for cold chain management of chilled pork	Food	Withdrawal	Completed
SS 583 and Supplement: Guidelines on food safety management for food service establishments	Food	Review	2H 2022
SS 585: 2013 Cold chain management of vegetables	Food	Withdrawal	Completed
SS 621 : 2016 Code of practice for cold chain management of milk and dairy products	Food	Withdrawal	Completed
SS 661 : 2020 Specification for clean and green urban farms — Agriculture	Food	New	Published
SS 668 : Part 1 : 2020 Cold chain management of chilled and frozen foods – Part 1: General requirements	Food	New	Under publication
SS 668 : Part 2 : 2020 Cold chain management of chilled and frozen foods – Part 2: Code of practice for meat	Food	New	Under publication
SS 668 : Part 3 : 2020 Cold chain management of chilled and frozen foods – Part 3: Code of practice for vegetables and fruits	Food	New	Under publication
SS 668 : Part 4 : 2020 Cold chain management of chilled and frozen foods – Part 4: Code of practice for fish	Food	New	Under publication
SS 670 : 2021 Specification for good aquaculture practice	Food	New	Published
SS 672 : 2021 Delivery of ready-to-eat food	Food	New	Under publication
TR 49: 2016 Cold chain management of frozen fish and seafood (Replaced by SS 668 : Part 4 : 2020)	Food	Withdrawal	Completed

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Title of Standard	Sector	Type	Expected completion
TR 57: 2017 Guidelines on food safety and good hygiene practices for the vending industry	Food	Review	2H 2022
TR 58 : 2017 Guidelines for developing food products that qualify for approved nutrition or health claims	Food	Review	2H 2022
TR 79 : 2020 Guidelines on preparation of edible ready-to-eat raw fish	Food	New	Published
TR ISO/TS 19657 : 2020 Definitions and technical criteria for food ingredients to be considered as natural (Identical adoption of ISO/TS 19657:2017)	Food	New	Published
Specification for clean and green urban farms – Aquaculture	Food	New	2H 2021
Cold chain management of chilled and frozen food – Part 5 : Eggs	Food	New	2H 2021
Specification for good agriculture practice (SS GAP)	Food	New	2H 2021
Good animal husbandry practice (GAHP) for layer poultry farming	Food	New	2H 2021
Guidelines for Food eCommerce	Food	New Work Item	2023
SS 584 : 2020 Specification for multi-tiered cloud computing security (MTCS)	Information Technology	Revision	Published
TR 82 : 2020 Guidelines for Cloud Native security	Information Technology	New	Published
TR 83 : 2020 Guidelines on remote alarm monitoring and response for service providers	Information Technology	New	Published
Biometric data interchange format standards (Identical adoption of ISO/IEC 19794 Parts 1,2,4,5,6 and 13)	Information Technology	New	2H 2021
Contactless proximity objects standards (Identical adoption of ISO/IEC 14443 Parts 1 to 3)	Information Technology	New	2H 2021
Technical Reference - Guiding secure AI applications	Information Technology	New Work Item	2H 2022
Technical Reference - Cybersecurity labelling scheme (CLS) for consumer IoT security	Information Technology	New Work Item	2H 2021
Technical Reference - Tiered cybersecurity standards for enterprises	Information Technology	New Work Item	1H 2022
Deployment & Operation of Data Centre IT Equipment Under Tropical Climate	Information Technology	New Work Item	1H 2023
SS 666 : 2020 Qualification of parts printed by metal additive manufacturing	Manufacturing	New	Published
TR 68 : Part 1 : 2019 TR for autonomous vehicles – Part 1 : Basic behaviour	Manufacturing	Revision	2H 2021
TR 68 : Part 2 : 2019 TR for autonomous vehicles – Part 2 : Safety	Manufacturing	Revision	2H 2021
TR 68 : Part 3 : 2019 TR for Autonomous vehicles – Part 3 : Cybersecurity principles and assessment	Manufacturing	Revision	2H 2021
TR 68 : Part 4 : 2019 TR for autonomous vehicles – Part 4 : Vehicular data types and formats	Manufacturing	Revision	2H 2021
TR 78 : 2020 Building facade inspection using unmanned aircraft systems (UAS)	Manufacturing	New	Published

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TR 87 : 2021 Safety of additive manufacturing facilities	Manufacturing	New	Published
Design guidelines for additive manufactured parts	Manufacturing	New Work Item	2H 2021
Technical Reference — Guidelines on airworthiness of unmanned aerial systems (UAS)	Manufacturing	New	2H 2021
Technical Reference — Data interchange between robots, lifts and automated doorways	Manufacturing	New	2H 2021
Specification for quality management and application of artificial intelligence on building facade inspection using unmanned aircraft systems.	Manufacturing	New Work Item	2H 2021
SS 176 : 1996 Portable aluminium ladder	Quality & Safety	Withdrawal	Completed
SS 292 : 1984 Safety nets for construction sites	Quality & Safety	Withdrawal	Completed
SS 400 : 1997 Specification for LP gas and non-refillable gas canisters for portable gas cookers	Quality & Safety	Revision	1H 2023 (tbc)
SS 401 : 1997 Specification for portable gas cookers – General specifications and test methods	Quality & Safety	Revision	1H 2023 (tbc)
SS 446 : 1998 Flowmeter regulators used on cylinders for welding, cutting and allied processes - classification and specifications (identical adoption of ISO 7292)	Quality & Safety	Withdrawal	Completed
SS 448 : Part 1 : 1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 1: Dimensional and design characteristics	Quality & Safety	Withdrawal	2H 2022
SS 448 : Part 2 : 1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 2: Water tightness and pressure resistance characteristics	Quality & Safety	Withdrawal	2H 2022
SS 448 : Part 3 : 1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 3: Hydraulic characteristics	Quality & Safety	Withdrawal	2H 2022
SS 448 : Part 4 : 1998 Performance of draw-off taps with metal or plastic bodies for water services – Part 4: Mechanical and endurance characteristics	Quality & Safety	Withdrawal	2H 2022
SS 448 : Part 5 : 1998 Performance of draw-off taps with metal or plastic bodies for water services – Physio-chemical characteristics : Materials, coatings	Quality & Safety	Withdrawal	2H 2022
SS 485 : 2011 Specification for slip resistance classification of pedestrian surface materials	Quality & Safety	Revision	2H 2021 (tbc)
SS 495 : 2001 Specification for Impact attenuation of surface systems under and around playground equipment	Quality & Safety	Review	2H 2022
SS 536 : 2008 Code of practice for the safe use of mobile cranes	Quality & Safety	Review	2H 2023
SS 548 : 2009 Code of practice for selection, use and maintenance of respiratory protective devices	Quality & Safety	Revision	1H 2022

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SS 559 : 2010 Code of practice for safe use of tower cranes	Quality & Safety	Revision	2H 2021
SS 570 : 2011 Specification for personal protective equipment for protection against falls from a height	Quality & Safety	Review	2H 2022
SS 657 : 2020 Code of practice for workplace noise control	Quality & Safety	Revision	Published
SS 658 : 2020 Code of practice for design, operation, testing and maintenance of local exhaust ventilation systems	Quality & Safety	New	Published
SS 659 : 2020 Code of practice for scaffolds	Quality & Safety	Revision	Published
SS 662 : 2020 Code of practice for automotive workshops	Quality & Safety	New	Published
SS 663 : 2020 Code of practice for safe loading on vehicles (Revision and re-designation of CP 30 : 1985)	Quality & Safety	Revision	Published
SS 671 : 2021 Specification for performance of self-closing delayed-action and sensor taps for water services	Quality & Safety	New	Published
SS ISO 22301 : 2020 Security and resilience – Business continuity management systems – Requirements (Revision of SS ISO 22301 : 2012) (Identical adoption of ISO 22301:2019)	Quality & Safety	Revision	Published
SS ISO 22313 : 2020 Security and resilience – Business continuity management systems – Guidance on the use of ISO 22301 (Revision of SS ISO 22313 : 2012) (Identical adoption of ISO 22313:2020)	Quality & Safety	Revision	Published
SS ISO 55002: 2016 Asset management – Management systems – Guidelines for the application of ISO 55001 (Identical adoption of ISO 55002: 2018)	Quality & Safety	Revision	2H 2021 (tbc)
CP 21 : 1981 (1986) Code of practice for safeguarding of mechanical power presses (Replaced by SS 537 : Part 1 : 2008)	Quality & Safety	Withdrawal	Completed
CP 28 : 1984 (1999) Code of practice for the construction, care and safe use of shears (Replaced by SS 537 : Part 1 : 2008)	Quality & Safety	Withdrawal	Completed
TR 43 : 2015 Management consultants	Quality & Safety	Revision	1H 2022
Code of practice for shore-based mooring and unmooring activities	Quality & Safety	New Work Item	2H 2022
Domestic gas cooker system with elbow joints using liquefied petroleum gas (LPG)	Quality & Safety	New Work Item	1H 2022
Specification for ammonia refrigeration system in food businesses Part 1: Design, installation and commissioning	Quality & Safety	New Work Item	2H 2021
Specification for ammonia refrigeration system in food businesses Part 2: Operation, inspection, servicing and maintenance	Quality & Safety	New Work Item	2H 2021
Specification for ammonia refrigeration system in food businesses Part 3: Emergency response plan and recovery process	Quality & Safety	New Work Item	2H 2021

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Title of Standard	Sector	Type	Expected completion
Code of practice for open water sport safety	Quality & Safety	New Work Item	1H 2023 (tbc)
Asset management — Guidance on the alignment of financial and non-financial functions in asset management (Identical adoption of ISO/TS 55010:2019)	Quality & Safety	New Work Item	2H 2021 (tbc)
TR 76 : 2020 Guidelines for electronic commerce transactions	Services	New	Published
TR 84 : 2021 Safe event management for the MICE and events Industry	Services	New	Published
Geragogy guidelines on training senior learners	Services	New Work Item	2023
TR 39 : 2015 Freight container equipment interchange receipt	Trade & Connectivity	Review	To be confirmed
TR 53 : 2016 Container depot operations	Trade & Connectivity	Review	1H 2022
TR 81 : 2020 Terminology and abbreviations for the permanent way	Trade & Connectivity	New	Published
TR 85 : 2021 Maintenance regime for the Permanent Way	Trade & Connectivity	New	Published
TR 86 : 2021 Terminology for asset management of rail network assets	Trade & Connectivity	New	Under publication
Technical Reference - Specifications for maintenance process modification in rapid transit system	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Maintenance of vehicle gauges specifications in railway	Trade & Connectivity	New	1H 2021
Technical Reference – Specification of key performance indicators for asset management in the Singapore railway industry	Trade & Connectivity	New Work Item	1H 2021
Technical Reference – Safety performance and benchmarking in a rapid transit system	Trade & Connectivity	New Work Item	1H 2021
Technical Reference – Safety management system in a rapid transit system	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Specifications for system and software modification in rapid transit system	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Mass Rapid Transit (MRT) operations - Guide for platform screen doors	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Mass rapid transit and light rail transit operations – guide for passenger lifts in stations	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Safety standard for the use of autonomous mobile robots (AMRs) in warehouses	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Asset condition assessment approach in the Singapore railway industry - Permanent Way	Trade & Connectivity	New Work Item	2H 2021

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Technical Reference – Mass rapid transit and light rail transit operations – guide for assisted service kiosks in stations	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Mass Rapid Transit (MRT) and Light Rail Transit (LRT) operations – Basic principles and requirements for access to tracks for railway operations	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Types of Railway Operational Signs	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Mass Rapid Transit (MRT) and Light Rail Transit (LRT) operations – Terminology for railway operations	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Mass Rapid Transit (MRT) and Light Rail Transit (LRT) – baseline requirements for service delivery, commuter experience and incident management	Trade & Connectivity	New Work Item	2H 2021
Technical Reference – Last mile delivery guidelines for delivery of parcels	Trade & Connectivity	New Work Item	1H 2022