MTA Standards Update Booklet

The Manufacturing Technologies Association

Introduction

Standards are an agreed way of doing something. They are documents which contain technical specifications or other precise criteria, which are designed to be used consistently as a rule, guideline or definition. Consequently, standards ensure the quality and consistency of products and services and allow consumers to have confidence that their products are safe, reliable and of a good quality.

This booklet looks to provide the following information in relation to standards and the MTA's engagement with them:

- An overview of the standards update process.
- A summary of the BSI standard committees that the MTA is engaged with,
- A list of the standards that are being updated under each committee.

Please be aware this is the March 2025 updated booklet and the next update would be sent in June 2025.

If you are interested in participating in any of the committees listed in the booklet, would like to find out any information about any of the standards being updated, or have a suggestion on a technical area we should look to cover in a committee coverage please get in touch the MTA Technical team (contact details on final page).

Furthermore, all full members of the MTA are entitled to have access to the MTA BSI standards collection. This access allows MTA members to view a number of standards, as chosen by industry, at no cost. To access this collection please register on the BSI website (bsol.bsigroup.com) and get in touch for your access code (contact details on final page).

Standards Update Process

A new standard or one being updated goes through the same process which is represented in Figure 1:

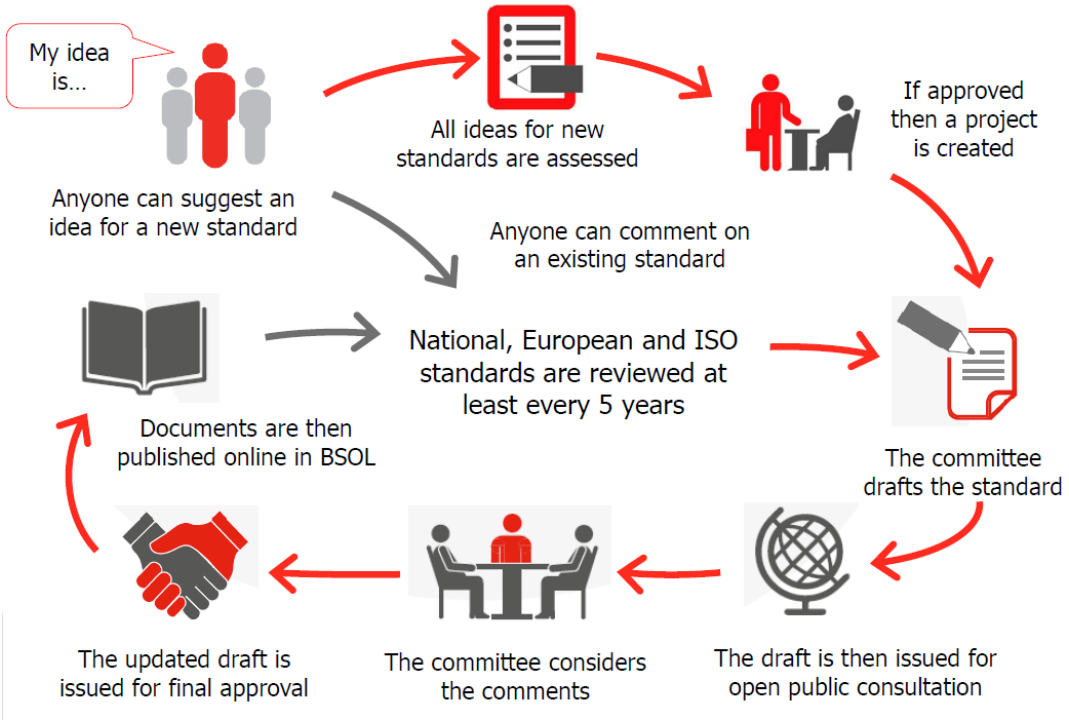

Figure 1 – Standards Update Process

These update steps are as follows:

- New Work Proposal or Revision – at this stage a BSI committee will vote on whether to approve a project and submit comments. If appropriate experts will be nominated.
- Preparation (Drafting) – The standard will be drafted with the appointed expert providing specialist knowledge to the working group.
- Committee stage – The BSI committee have an opportunity to comment on the draft.
- Public Consultation – If the draft is approved by the committee the draft is sent out for 2 to 3 months for public comment (stage 40.20 on figure 2).
- Comment resolution – At the end of the consultation period all comments collated with the BSI committee deciding which to put forward in response.
- Approval stage – Once the consultation comments have been resolved the draft moves to approval stage where only editorial comments can be made.
- Publication – Following formal approval a standard will be implemented as a British Standard, with any conflicting standards being withdrawn.
- Review – To ensure a standard is required, it is periodically reviewed. The review considers if the standard should be retained, amended, withdrawn or revised.

Figure 2, on the next page, shows the in-depth stages of the standards update process. This can be used to understand which stage a standard is at the update process.

International harmonized stage codes

STAGE	SUBSTAGE						
				90 Decision			
	00 Registration	20 Start of main action	60 Completion of main action	92 Repeat an earlier phase	93 Repeat current phase	98 Abandon	99 Proceed
00 Preliminary stage	00.00 Proposal for new project received	00.20 Proposal for new project under review	00.60 Close of review			00.98 Proposal for new project abandoned	00.99 Approval to ballot proposal for new project
10 Proposal stage	10.00 Proposal for new project registered	10.20 New project ballot initiated	10.60 Close of voting	10.92 Proposal returned to submitter for further definition		10.98 New project rejected	10.99 Approval to New project approved
20 Preparatory stage	20.00 New project registered in TC/SC work programme	20.20 Working draft (WD) study initiated	20.60 Close of comment period			20.98 Project deleted	20.99 WD approved for registration as CD
30 Committee stage	30.00 Committee draft (CD) registered	30.20 CD study/ballot initiated	30.60 Close of voting/ comment period	30.92 CD referred back to Working Group		30.98 Project deleted	30.99 CD approved for registration as DIS
40 Enquiry stage	40.00 DIS registered	40.20 DIS ballot initiated: 12 weeks	40.60 Close of voting	40.92 Full report circulated: DIS referred back to TC or SC	40.93 Full report circulated: decision for new DIS ballot	40.98 Project deleted	40.99 Full report circulated: DIS approved for registration as FDIS
50 Approval stage	50.00 Final text received or FDIS registered for formal approval	50.20 Proof sent to secretariat or FDIS ballot initiated: 8 weeks	50.60 Close of voting. Proof returned by secretariat	50.92 FDIS or proof referred back to TC or SC		50.98 Project deleted	50.99 FDIS or proof approved for publication
60 Publication stage	60.00 International Standard under publication		60.60 International Standard published				
90 Review stage		90.20 International Standard under periodical review	90.60 Close of review	90.92 International Standard to be revised	90.93 International Standard confirmed		90.99 Withdrawal of International Standard proposed by TC or SC
95 Withdrawal stage		95.20 Withdrawal ballot initiated	95.60 Close of voting	95.92 Decision not to withdraw International Standard			95.99 Withdrawal of International Standard

Figure 2 – In-depth overview of standards update process

Committees and Standards Under Review

The following tables provide a list of the standards committees the MTA participates in, as well as the standards being updated under each of those committees.

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD 14649-10	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 10: General process data	30.60
ISO/CD 14649-11	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 11: Process data for milling	30.60
ISO/CD 14649-12	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 12: Process data for turning	30.60
ISO/CD 14649-111	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 111: Tools for milling machines	30.60
ISO/DIS 23704-4	General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 4: Requirements and guidelines for implementing reference architecture of CPSMT for subtractive manufacturing	40.00
ISO/AWI 23704-5	General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 5: Requirements and guidelines for implementing reference architecture of CPSMT for additive manufacturing	20.00
ISO 3151-2	Visualization elements of PLM-MES interface — Part 2: 3D error feedback in heavy industry	60.00
ISO/DIS 8000-119	Data quality — Part 119: Application of ISO 8000-115 to transport unit identifiers	40.00
ISO/AWI 8000-200	Data quality — Part 200: Transaction data: Quality of transaction data	20.00
ISO/DIS 8000-220	Data quality — Part 220: Sensor data: Quality measurement	40.20
ISO/AWI TS 8000-230	Data quality — Part 230: Sensor data: Guidelines for data cleansing	20.00
ISO/AWI TR 8000-320	Data quality — Part 320: AI training data quality for smart manufacturing	10.99
ISO/DIS 10303-41	Industrial automation systems and integration — Product data representation and exchange — Part 41: Integrated generic resource: Fundamentals of product description and support	40.99

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/DIS 10303-42	Industrial automation systems and integration — Product data representation and exchange — Part 42: Integrated generic resource: Geometric and topological representation	40.99
ISO/DIS 10303-47	Industrial automation systems and integration — Product data representation and exchange — Part 47: Integrated generic resource: Shape variation tolerances	40.99
ISO/DIS 10303-62	Industrial automation systems and integration — Product data representation and exchange — Part 62: Integrated generic resource: Equivalence validation of product data	40.20
ISO/DIS 10303-101	Industrial automation systems and integration — Product data representation and exchange — Part 101: Integrated application resource: Draughting	40.99
ISO/DIS 10303-113	Industrial automation systems and integration — Product data representation and exchange — Part 113: Integrated application resource: Mechanical features	40.99
ISO/CD 10303-238	Industrial automation systems and integration — Product data representation and exchange — Part 238: Application protocol: Model based integrated manufacturing	30.60
ISO/FDIS 10303-242	Industrial automation systems and integration — Product data representation and exchange — Part 242: Application protocol: Managed model-based 3D engineering	50.00
ISO/CD TS 10303-400	Industrial automation systems and integration — Product data representation and exchange — Part 400: Reference schema for SysML mapping	30.99
ISO/CD TS 10303-442	Industrial automation systems and integration — Product data representation and exchange — Part 442: Application module: AP242 managed model based 3D engineering	30.99
ISO/CD TS 10303-1005	Industrial automation systems and integration — Product data representation and exchange — Part 1005: Application module: Elemental topology	30.99
ISO/CD TS 10303-1019	Industrial automation systems and integration — Product data representation and exchange — Part 1019: Application module: Product view definition	30.99
ISO/CD TS 10303-1028	Industrial automation systems and integration — Product data representation and exchange — — Part 1028: Application module: Universally unique identification assignment	30.99

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD TS 10303-1050	Industrial automation systems and integration — Product data representation and exchange — Part 1050: Application module: Dimension tolerance	30.99
ISO/CD TS 10303-1051	Industrial automation systems and integration — Product data representation and exchange — Part 1051: Application module: Geometric tolerance	30.99
ISO/CD TS 10303-1110	Industrial automation systems and integration — Product data representation and exchange — Part 1110: Application module: Surface conditions	30.99
ISO/CD TS 10303-1131	Industrial automation systems and integration — Product data representation and exchange — Part 1131: Application module: Construction geometry	30.99
ISO/CD TS 10303-1258	Industrial automation systems and integration — Product data representation and exchange — Part 1258: Application module: Observation	30.99
ISO/CD TS 10303-1310	Industrial automation systems and integration — Product data representation and exchange — Part 1310: Application module: Draughting element	30.99
ISO/CD TS 10303-1311	Industrial automation systems and integration — Product data representation and exchange — Part 1311: Application module: Associative draughting elements	30.99
ISO/CD TS 10303-1327	Industrial automation systems and integration — Product data representation and exchange — Part 1327: Application module: Compound shape representation	30.99
ISO/CD TS 10303-1503	Industrisal automation systems and integratoin - Product data representation and exchange — Part 1503: Application module: Tessellated manifold surface shape representation	30.99
ISO/CD TS 10303-1504	Industrial automation systems and integration — Product data representation and exchange — Part 1504: Application module: Tessellated manifold subsurface shape representation	30.99
ISO/CD TS 10303-1515	Industrial automation systems and integration — Product data representation and exchange — Part 1515: Tessellated boundary representation	30.99
ISO/CD TS 10303-1524	Industrial automation systems and integration — Product data representation and exchange — Part 1524: Application module: Shape data quality inspection result	30.99

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD TS 10303-1770	Industrial automation systems and integration — Product data representation and exchange — Part 1770: Application module: Part and zone laminate tables	30.99
ISO/CD TS 10303-1772	Industrial automation systems and integration — Product data representation and exchange — Part 1772: Application module: Ply orientation specification	30.99
ISO/CD TS 10303-1806	Industrial automation systems and integration — Product data representation and exchange — Part 1806: Application module: Form feature in panel	30.99
ISO/CD TS 10303-1811	Industrial automation systems and integration — Product data representation and exchange — Part 1811: Application module: Product and manufacturing information with nominal 3D models	30.99
ISO/CD TS 10303-1814	Industrial automation systems and integration — Product data representation and exchange — Part 1814: Application module: Machining features	30.99
ISO/CD TS 10303-1816	Industrial automation systems and integration — Product data representation and exchange — Part 1816: Application module: Model based 3D geometrical dimensioning and tolerancing representation	30.99
ISO/CD TS 10303-1822	Industrial automation systems and integration — Product data representation and exchange — Part 1822: Application module: Externally conditioned data quality inspection result	30.99
ISO/CD TS 10303-1830	Industrial automation systems and integration — Product data representation and exchange — Part 1830: Application module: Edge based topological representation with length constraint	30.99
ISO/CD TS 10303-1837	Industrial automation systems and integration — Product data representation and exchange — Part 1837: Application module: Product data equivalence definition	30.99
ISO/CD TS 10303-1838	Industrial automation systems and integration — Product data representation and exchange — Part 1838: Application module: Annotated 3D model equivalence criteria	30.99
ISO/CD TS 10303-1839	Industrial automation systems and integration — Product data representation and exchange — Part 1839: Application module: Annotated 3D model equivalence inspection result	30.99

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD TS 10303-1841	Industrial automation systems and integration — Product data representation and exchange — Part 1841: Application module: Annotated 3D model equivalence assembly	30.99
ISO/CD TS 10303-1846	Industrial automation systems and integration — Product data representation and exchange — Part 1846: Application module: Mechanical design features and requirements	30.99
ISO/CD TS 10303-1853	Industrial automation systems and integration — Product data representation and exchange — — Part 1853: Datum and datum systems	30.99
ISO/AWI TS 10303-1855	Industrial automation systems and integration — Product data representation and exchange — Part 1855: Threads for mechanical products	10.99
ISO/AWI TS 10303-1856	Industrial automation systems and integration — Product data representation and exchange — Part 1856: Annotated 3d model equivalence triangulated shape module	10.99
ISO/AWI TS 10303-1857	Industrial automation systems and integration — Product data representation and exchange — Part 1857: Annotated 3d model equivalence display attribute module	10.99
ISO/CD TS 10303-4000	Industrial automation systems and integration — Product data representation and exchange — Part 4000: Core model	30.99
ISO/CD TS 10303-4439	Industrial automation systems and integration — Product data representation and exchange — Part 4439: Application domain model: Product life cycle support	30.99
ISO/CD TS 10303-4442	Industrial automation systems and integration — Product data representation and exchange — Part 4442: Domain model: Managed model based 3D engineering domain	30.99
ISO/DIS 14306-3	Industrial automation systems and integration — JT file format specification for 3D visualization — Part 3: Version 2	40.99
ISO/DIS 14306-4	Industrial automation systems and integration — JT file format specification for 3D visualization — Part 4: Version 3	40.2

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD 15926-100	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 100: Vocabulary	30.20
ISO/CD TR 17999.2	Automation systems and integration — Reference model for industrial data standards	30.99
ISO/DIS 18136-1	Automation systems and integration — Nuclear digital ecosystem — Part 1: Overview and framework	40.60
ISO/CD 23247-5	Automation systems and integration — Digital twin framework for manufacturing — Part 5: Digital thread for digital twin	30.60
ISO/CD 23247-6	Automation systems and integration — Digital twin framework for manufacturing — Part 6: Digital twin composition	30.60
ISO/DTR 23247-100	Automation systems and integration — Digital twin framework for manufacturing — Part 100: Use case on management of semiconductor ingot growth process	50.20
ISO/AWI 23726-2	Automation systems and integration — Ontology based interoperability — Part 2: Vocabulary	20.00
ISO/CD 23726-3	Automation systems and integration — Ontology based interoperability — Part 3: Industrial data ontology	30.99
ISO/AWI 23726-100	Automation systems and integration — Ontology based interoperability — Part 100: Schedule data ontology	20.00
ISO/AWI TS 25270	Automation systems and integration — Core terminology for simulation data management	20.00
ISO/AWI TS 25271	Automation systems and integration — Industrial digital twin interface architecture	20.00
ISO/DIS 29002	Industrial automation systems and integration — Exchange of characteristic data	40.20
ISO/DIS 16400-5	Automation systems and integration — Equipment behaviour catalogues for virtual production system — Part 5: Interfaces of an equipment behaviour catalogue with production systems engineering and manufacturing operations	40.20
ISO/DIS 21175-1	Automation systems and integration --Collaboration Environment Requirements of Simulation on Different Manufacturing Platforms — Part 1: Reference Model and Process	40.00

AMT/008 ADDITIVE MANUFACTURING		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/ASTM CD TR 52913-1.2	Additive manufacturing — Feedstock materials — Part 1: Parameters for characterization of powder flow properties	30.99
ISO/ASTM CD TR 52918	Additive manufacturing — Data formats — File format support, ecosystem and evolutions	30.00
ISO/ASTM DIS 52919	Additive manufacturing — Qualification principles — Test methods for metal casting sand moulds	40.99
ISO/ASTM CD 52922	Additive manufacturing — Design — Directed energy deposition of metals	30.99
ISO/ASTM DIS 52929	Additive manufacturing of metals — Powder bed fusion — Presentation of material properties in material data sheets	40.99
ISO/ASTM DIS 52937	Additive manufacturing of metals — Qualification principles — Tasks and related skills for AM	40.60
ISO/ASTM FDIS 52938-1	Additive manufacturing of metals — Environment, health and safety — Part 1: Safety requirements for PBF-LB machines	50.20
ISO/ASTM DIS 52940	Additive manufacturing of ceramics — Feedstock materials — Characterization of ceramic slurry in vat photopolymerization	40.60
ISO/ASTM DIS 52941	Additive manufacturing — System performance and reliability — Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application	40.99
ISO/ASTM CD 52946	Additive manufacturing of metals — Finished part properties — Stainless Steel Alloys made by powder bed fusion	30.99
ISO/ASTM DIS 52948	Additive manufacturing for metals — Non-destructive testing and evaluation — Imperfections classification in PBF parts	40.60
ISO/ASTM CD 52951	Additive Manufacturing — Data — Data packages for AM parts	30.99
ISO/ASTM DIS 52953	Additive manufacturing for metals — General principles — Registration of data acquired from process monitoring and for quality control	40.99
ISO/ASTM CD 52954-1	Additive manufacturing — Qualification principles — Part 1: Common failure modes used for risk mapping	30.99
ISO/ASTM DIS 52957	Additive manufacturing of ceramics — Design — Design guidelines	40.20
ISO/ASTM CD TR 52958	Additive manufacturing of metals — Powder bed fusion — In-situ coaxial photodiode monitoring for lack of fusion flaw detection in PBF-LB	30.99

AMT/008 ADDITIVE MANUFACTURING		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/ASTM DIS 52959	Additive Manufacturing of metals — Test artefacts — Compression validation coupons for lattice designs	40.99
ISO/ASTM CD 52965	Additive manufacturing for metals — Qualification principles — Test method for indentation plastometry	30.99
ISO/ASTM CD 52966	Additive manufacturing — General Principles — Framework for the Implementation of a Level System for temporarily self-sufficient systems	30.99
ISO/ASTM DIS 52969	Additive manufacturing of metals — Non-destructive testing and evaluation — Classification of imperfections in DED parts	40.00
ISO/ASTM AWI 52970	Additive manufacturing — Data — Data capturing and structure for PBF-LB/M machine log	20.00

AMT/10 ROBOTICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI 8373	Robotics — Vocabulary	10.99
ISO/DIS 13482	Robotics — Safety requirements for service robots	40.60
ISO/DIS 18646-5	Robotics — Performance criteria and related test methods for service robots — Part 5: Locomotion for legged robots	40.20
ISO/DIS 18646-6	Robotics — Performance criteria and related test methods for service robots — Part 6: Lower-limb wearable robots	40.00
ISO/CD 18646-7	Robotics — Performance criteria and related test methods for service robots — Part 7: Travelling around humans	30.20
ISO/CD 18646-8	Robotics — Performance criteria and related test methods for service robots — Part 8: Electric vehicle charging robots	30.20
ISO/AWI TR 20218-3	Robotics — Safety design for industrial robot systems — Part 3: Guidance for the use of ISO 10218-2 (ed 2)	20.00
ISO/CD 21423	Robotics — Autonomous mobile robots for industrial environments — Communications and interoperability	30.60
ISO/AWI 22166-203	Robotics — Modularity for service robots — Part 203: Information Model for Hardware	20.00

AMT/10 ROBOTICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/WD TS 25213	Robotics — Test methods for measuring the energy consumption of robots — 6-Axis articulated industrial robots	20.60
IEC/AWI TR 60601-4-1	Medical electrical equipment — Part 4-1: Guidance and interpretation — Medical electrical equipment and medical electrical systems employing a degree of autonomy	10.99
IEC/AWI 80601-2-77	Medical electrical equipment — Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment	10.99
IEC/AWI 80601-2-78	Medical electrical equipment — Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation	10.99

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC AWI 4922-3	Information security — Secure multiparty computation — Part 3: Part 3: Mechanisms based on garbled circuits	20.00
ISO/IEC CD 5181.2	Information technology — Security and privacy — Data provenance	30.60
ISO/IEC AWI TS 5689	Cybersecurity – Security frameworks and use cases for cyber physical systems	20.00
ISO/IEC AWI 9798-5	Information technology — Security techniques — Entity authentication — Part 5: Mechanisms using zero-knowledge techniques	20.00
ISO/IEC WD 10267	Information technology — Data usage — Personal information factor (PIF) in data related to real persons	20.60
ISO/IEC 11770-3:2021/FDAmd 1	Information security — Key management — Part 3: Mechanisms using asymmetric techniques — Amendment 1: TFNS identity-based key agreement	50.20
ISO/IEC WD 11770-4	Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets	20.60
ISO/IEC CD 11770-8	Information technology — Security techniques — Part 8: Password-based key derivation	30.60

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC 14888-3:2018/AWI Amd 1	IT Security techniques — Digital signatures with appendix — Part 3: Discrete logarithm based mechanisms — Amendment 1	20.00
ISO/IEC DIS 15408-1	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model	40.60
ISO/IEC DIS 15408-2	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components	40.60
ISO/IEC DIS 15408-3	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components	40.60
ISO/IEC DIS 15408-4	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities	40.60
ISO/IEC DIS 15408-5	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements	40.60
ISO/IEC 18014-1:2008/DAmd 1	Information technology — Security techniques — Time-stamping services — Part 1: Framework — Amendment 1	40.60
ISO/IEC DIS 18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation	40.60
ISO/IEC FDIS 19792	Information technology — Information security, cybersecurity and privacy protection — General principles, requirements and guidance for security evaluation of biometric systems	50.20
ISO/IEC DIS 19896-1	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 1: Overview and concepts	40.60
ISO/IEC DIS 19896-2	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 2: Knowledge and skills requirements for ISO/IEC 19790 testers and validators	40.60

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC DIS 19896-3	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers	40.60
ISO/IEC WD 19989-1.2	Information security — Criteria and methodology for security evaluation of biometric systems — Part 1: Framework	20.60
ISO/IEC 20009-4:2017/CD Amd 1	Information technology — Security techniques — Anonymous entity authentication — Part 4: Mechanisms based on weak secrets — Amendment 1	30.60
ISO/IEC 24760-3	Information security, cybersecurity and privacy protection — A framework for identity management — Part 3: Practice	60.00
ISO/IEC WD 24760-4.4	IT Security and Privacy — A framework for identity management — Part 4: Authenticators, Credentials and Authentication	20.60
ISO/IEC AWI 25093-1	Cybersecurity — Confidential computing — Part 1: Overview and concepts	20.00
ISO/IEC CD 27000	Information technology — Security techniques — Information security management systems — Overview and vocabulary	30.60
ISO/IEC AWI 27003	Information technology — Security techniques — Information security management systems — Guidance	20.00
ISO/IEC WD 27004	Information technology — Security techniques — Information security management — Monitoring, measurement, analysis and evaluation	20.60
ISO/IEC CD TS 27008.2	Information technology — Security techniques — Guidelines for the assessment of information security controls	30.60
ISO/IEC DIS 27017	Information security, cybersecurity and privacy protection — Information security controls based on ISO/IEC 27002 for cloud services	40.20
ISO/IEC FDIS 27018	Information security, cybersecurity and privacy protection – Guidelines for protection of personally identifiable information (PII) in public clouds acting as PII processors	50.00
ISO/IEC AWI TR 27024	Information security, cybersecurity and privacy protection — Government and regulatory use of ISO/IEC 27001, ISO/IEC 27002 and other information security standards	20.00

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC 27031	Cybersecurity — Information and communication technology readiness for business continuity	60.00
ISO/IEC AWI 27045	Information technology — Big data security and privacy — Guidelines for managing big data risks	20.00
ISO/IEC DIS 27090	Cybersecurity — Artificial Intelligence — Guidance for addressing security threats and failures in artificial intelligence systems	40.00
ISO/IEC WD 27091.3	Cybersecurity and Privacy — Artificial Intelligence — Privacy protection	20.60
ISO/IEC DTS 27103	Cybersecurity — Guidance on using ISO and IEC standards in a Cybersecurity Framework	50.00
ISO/IEC AWI TR 27109	Cybersecurity education and training	20.00
ISO/IEC DIS 27404	Cybersecurity — IoT security and privacy — Cybersecurity labelling framework for consumer IoT	40.60
ISO/IEC WD TS 27564	Privacy protection - Guidance on the use of models for privacy engineering	20.60
ISO/IEC DIS 27565	Information security, cybersecurity and privacy protection — Guidelines on privacy preservation based on zero knowledge proofs	40.60
ISO/IEC DIS 27566-1	Information security, cybersecurity and privacy protection — Age assurance systems — Part 1: Framework	40.60
ISO/IEC WD 27566-3.2	Information security, cybersecurity and privacy protection — Age assurance systems — Part 3: Benchmarks for benchmarking analysis	20.60
ISO/IEC FDIS 27701	Information security, cybersecurity and privacy protection — Privacy information management systems — Requirements and guidance	50.00
ISO/IEC 27706	Information security, cybersecurity and privacy protection — Requirements for bodies providing audit and certification of privacy information management systems	60.00
ISO/IEC DIS 29151	Information security, cybersecurity and privacy protection – Controls and guidance for personally identifiable information protection	40.60

MTE/1 - MACHINE TOOLS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI TS 230-13	Test code for machine tools — Part 13: Guidelines on acceptance tests for machine tools used as coordinate measuring machines	20.00
ISO/CD 4703	Test conditions for surface grinding machines with two columns — Machines for grinding slideways — Testing of the accuracy	30.00
ISO/DIS 8636-1	Machine tools — Test conditions for bridge-type milling machines — Part 1: Testing of the accuracy of fixed bridge (portal-type) machines	40.20
ISO/FDIS 6909	Machine tools — Safety — Press brakes	50.00
ISO/AWI TR 23125-2	Machine tools — Safety — Turning machines — Part 2: Examples for the application of an optional special mode for manual intervention under restricted operating conditions (MO 3)	10.99

PH/9 - APPLIED ERGONOMICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI 10075-3	Ergonomic principles related to mental workload — Part 3: Principles and requirements concerning methods for measuring and assessing mental workload	10.99
ISO/DIS 16710-2	Ergonomics methods — Part 2: A methodology for work analysis to support design	40.20
ISO/WD 27502	Ergonomics — Human-centred design of products and services — Principles and activities	20.60
ISO/FDIS 9241-112	Ergonomics of human-system interaction — Part 112: Principles for the presentation of information	50.20
ISO/DIS 9241-130	Ergonomics of human-system interaction — Part 130: User assistance within interactive systems	40.00
ISO/DIS 9241-161	Ergonomics of human-system interaction — Part 161: Guidance on visual user-interface elements	40.60
ISO/DIS 9241-171	Ergonomics of human-system interaction — Part 171: Guidance on software accessibility	40.20
ISO/DIS 9241-222	Ergonomics of human-system interaction — Part 222: Self-assessment of human-centred design approach	40.00
ISO/DTR 9241-313	Ergonomics of human-system interaction — Part 313: Optical measurement methods for reflective displays	50.00

PH/9 - APPLIED ERGONOMICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/CD TR 9241-384	Ergonomics of human-system interaction — Part 384: Structured literature review of ergonomic evaluations of head-mounted displays (HMDs)	30.20
ISO/CD TR 9241-520	Ergonomics of human-system interaction — Part 520: Ergonomics aspect of Activity Based Working	30.60
ISO/AWI 9241-812	Ergonomics of human-system interaction — Part 812: Guidance on "the ergonomics of" intelligent systems	20.00
ISO/AWI 9241-930	Ergonomics of human-computer interaction — Part 930: Part 930: Multimodality in tactile and haptic interaction	20.00
ISO/AWI 11064-3	Ergonomic design of control centres — Part 3: Control room layout	20.00
ISO/CD 25063.2	Systems and software engineering — Systems and software product Quality Requirements and Evaluation (SQuaRE) — Common Industry Format (CIF) for usability: Context of use description	30.20
ISO/FDIS 7730	Ergonomics of the thermal environment — Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria	50.00
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ISO/DIS 24505-2	Ergonomics — Accessible design — Method for creating colour combinations — Part 2: For people with colour deficiency and low vision	40.99

QS/1/2 - QUALITY MANAGEMENT SYSTEM STANDARDS	
STANDARDS UNDERDEVELOPMENT	STAGE
NON UNDERDEVELOPMENT	

For further information on any of the standards listed in this document, please do not hesitate to get in contact (contact details on final page).

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