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 2021 updated booklet and the next update would be sent in June 2021.

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:

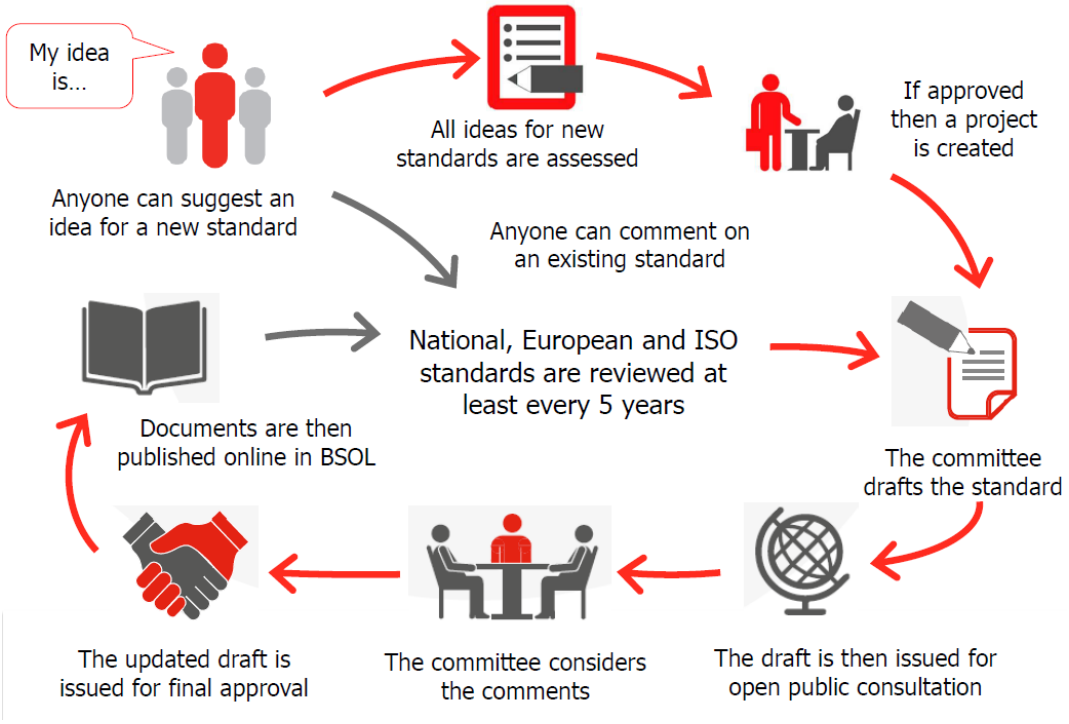

Figure 1 – Standards Update Process

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 8000-1	Data quality — Part 1: Overview	30.99
ISO 8000-2:2020/PRF AMD 1	Data quality — Part 2: Vocabulary — Amendment 1	50.00
ISO/AWI 8000-51	Data quality — Part 51: Data governance: Exchange of data policy statements	10.99
ISO/CD 8000-64	Data quality — Part 64: Data quality management: Organizational process maturity assessment: Application of the Test Process Improvement method	30.99
ISO/DIS 8000-66	Data quality — Part 66: Data quality management: Assessment indicators for data processing in manufacturing operations	40.20
ISO/PRF TS 8000-81	Data quality — Part 81: Data quality assessment: Profiling	50.00
ISO/DTS 8000-82	Data quality — Part 82: Data quality assessment: Creating data rules	30.60
ISO/DIS 8000-110	Data quality — Part 110: Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification	40.99
ISO/WD 8000-117	Data quality — Part 117: Application of ISO 8000-115 to Quality Blockchains	20.00
ISO/CD 8000-150	Data quality — Part 150: Data quality management: Roles and responsibilities	30.99
ISO 10303-1	Industrial automation systems and integration — Product data representation and exchange — Part 1: Overview and fundamental principles	60.00
ISO/AWI 10303-2	Industrial automation systems and integration — Product data representation and exchange — Part 2: STEP Vocabulary	20.00
ISO/PRF TS 10303-15	Industrial automation systems and integration — Product data representation and exchange — Part 15: Description methods: SysML XMI to XSD transformation	50.00
ISO/PRF TS 10303-16	Industrial automation systems and integration — Product data representation and exchange — Part 16: Description methods: SysML XMI to EXPRESS transformation	50.00
ISO/AWI TS 10303-17	Industrial automation systems and integration — Product data representation and exchange — Part 17: EXPRESS to SysML CXMI transformation	20.00

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/PRF TS 10303-18	Industrial automation systems and integration — Product data representation and exchange — Part 18: Description methods: SysML XMI to Web services transformation	50.00
ISO/DIS 10303-59	Industrial automation systems and integration — Product data representation and exchange — Part 59: Integrated generic resource: Quality of product shape data	40.60
ISO/WD 10303-209	Industrial automation systems and integration — Product data representation and exchange — Part 209: Application protocol: Multidisciplinary analysis and design	20.20
ISO 10303-210	Industrial automation systems and integration — Product data representation and exchange — Part 210: Application protocol: Electronic assembly, interconnect and packaging design	60.00
ISO/DIS 10303-243	Industrial automation systems and integration — Product data representation and exchange — Part 243: Application protocol: For modelling and simulation information in a collaborative systems engineering context (MoSSEC)	40.00
ISO/AWI TS 10303-1847	Industrial automation systems and integration — Product data representation and exchange — Part 1847: Application module: Assignment object relationship	10.99
ISO/AWI TS 10303-1848	Industrial automation systems and integration - Product data representation and exchange — Part 1848: Application module: Annotated 3d model data quality criteria	10.99
ISO/AWI TS 10303-1849	Industrial automation systems and integration - Product data representation and exchange — Part 1849: Application module: Annotated 3d model data quality inspection result	10.99
ISO/AWI TS 10303-1850	Industrial automation systems and integration - Product data representation and exchange — Part 1850: Application module: Triangulated shape data quality	10.99
ISO/AWI TS 10303-1851	Industrial automation systems and integration - Product data representation and exchange — Part 1851: Application module: PMI data quality	10.99
ISO/AWI TS 10303-1852	Industrial automation systems and integration - Product data representation and exchange — Part 1852: Application module: Retention period	10.99
ISO/AWI TS 10303-1853	Industrial automation systems and integration — Product data representation and exchange — Part 1853: Datum and datum systems	10.99
ISO/DTS 10303-4000	Industrial automation systems and integration — Product data representation and exchange — Part 4000: Core Model	30.20

AMT/4 - INDUSTRIAL DATA AND MANUFACTURING INTERFACES		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI TS 15926-4	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 4: Initial reference data	10.99
ISO/WD TS 15926-11	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 11: Methodology for simplified industrial usage of reference data	20.00
ISO/CD TR 15926-14	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 14: Data model adapted for OWL2 Direct Semantics	30.99
ISO/DIS 17506	Industrial automation systems and integration — COLLADA digital asset schema specification for 3D visualization of industrial data	40.00
ISO/DIS 23247-1	Automation systems and integration — Digital Twin framework for manufacturing — Part 1: Overview and general principles	40.99
ISO/DIS 23247-2	Automation systems and integration — Digital Twin framework for manufacturing — Part 2: Reference architecture	40.99
ISO/DIS 23247-3	Automation systems and integration — Digital Twin framework for manufacturing — Part 3: Digital representation of manufacturing elements	40.99
ISO/DIS 23247-4	Automation systems and integration — Digital Twin framework for manufacturing — Part 4: Information exchange	40.99
ISO/AWI TS 23301	STEP Geometry Services	20.00
ISO/DTR 24463	Digital Validation by effective use of simulation	30.20
ISO/CD 29002	Industrial automation systems and integration — Exchange of characteristic data	30.99

AMT/008 ADDITIVE MANUFACTURING		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/ASTM DIS 52900	Additive manufacturing — General principles — Fundamentals and vocabulary	40.99
ISO/ASTM AWI 52902	Additive manufacturing — Test artifacts — Geometric capability assessment of additive manufacturing systems	10.99
ISO/ASTM AWI TR 52905	Additive manufacturing of metals — Non-destructive testing and evaluation — Defect detection in parts	10.99

AMT/008 ADDITIVE MANUFACTURING		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/ASTM DTR 52906	Additive manufacturing — Non-destructive testing — Intentionally seeding flaws in parts	30.99
ISO/ASTM AWI 52908	Additive manufacturing of metals — Post-processing methods — Quality assurance and post processing of powder bed fusion	20.00
ISO/ASTM AWI 52909	Additive manufacturing — Finished part properties — Orientation and location dependence of mechanical properties for metal powder bed fusion	20.00
ISO/ASTM AWI 52910	Additive manufacturing — Design — Requirements, guidelines and recommendations	10.99
ISO/ASTM AWI 52911-3	Additive manufacturing — Design — Part 3: Electron beam powder bed fusion of metals	20.00
ISO/ASTM DTR 52916	Additive manufacturing — Data — Optimized medical image data	30.99
ISO/ASTM AWI 52917	Additive manufacturing — Round Robin Testing — Guidance for conducting Round Robin studies	20.00
ISO/ASTM CD TR 52918	Additive manufacturing — Data formats — File format support, ecosystem and evolutions	30.00
ISO/ASTM AWI 52919-1	Additive manufacturing — Test method of sand mold for metalcasting — Part 1: Mechanical properties	20.00
ISO/ASTM AWI 52919-2	Additive manufacturing — Test method of sand mold for metalcasting — Part 2: Physical properties	20.00
ISO/ASTM CD 52920	Additive manufacturing — Qualification principles — Quality assurance requirements for production	30.99
ISO/ASTM DIS 52921	Additive manufacturing — General principles — Standard practice for part positioning, coordinates and orientation	40.99
ISO/ASTM DIS 52924	Additive manufacturing — Qualification principles — Classification of part properties for additive manufacturing of polymer parts	40.99
ISO/ASTM DIS 52925	Additive manufacturing processes — Laser-based powder bed fusion of polymer parts (PBF-LB/P) — Qualification of materials	40.99
ISO/ASTM CD 52926-1	Additive manufacturing of metals — Qualification principles — Part 1: General qualification of machine operators	30.99
ISO/ASTM CD 52926-2	Additive manufacturing of metals — Qualification principles — Part 2: Qualification of machine operators for PBF-LB	30.99
ISO/ASTM CD 52926-3	Additive manufacturing of metals — Qualification principles — Part 3: Qualification of machine operators for PBF-EB	30.99
ISO/ASTM CD 52926-4	Additive manufacturing of metals — Qualification principles — Part 4: Qualification of machine operators for DED-LB	30.99

AMT/008 ADDITIVE MANUFACTURING		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/ASTM CD 52926-5	Additive manufacturing of metals — Qualification principles — Part 5: Qualification of machine operators for DED-Arc	30.99
ISO/ASTM AWI 52928	Additive Manufacturing of Metals — Feedstock Materials — Powder Life Cycle Management	20.00
ISO/ASTM PRF TS 52930	Additive Manufacturing — Qualification principles — Installation, operation and performance (IQ/OQ/PQ) of PBF-LB equipment	50.00
ISO/ASTM CD 52931	Additive manufacturing — Environmental health and safety — Standard guideline for use of metallic materials	30.99
ISO/ASTM CD 52932	Additive manufacturing — Environmental health and safety — Standard test method for determination of particle emission rates from desktop 3D printers using material extrusion	30.99
ISO/ASTM WD 52933	Additive manufacturing — Environment, health and safety — Consideration for the reduction of hazardous substances emitted during the operation of the non-industrial ME type 3D printer in workplaces, and corresponding test method	20.00
ISO/ASTM AWI 52935	Additive manufacturing — Qualification principles — Qualification of coordinators for metallic parts production	20.00
ISO/ASTM CD 52936-1	Additive manufacturing — Qualification principles — Laser-based powder bed fusion of polymers — Part 1: General principles, preparation of test specimens	30.20
ISO/ASTM AWI 52937	Additive Manufacturing of metals — Qualification principles — Qualification of designers	20.00
ISO/ASTM AWI 52938-1	Additive manufacturing of metals — Environment, health and safety — Part 1: Safety requirements for PBF-LB machines	20.00

AMT/10 ROBOTICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI 5363	Robotics — Test methods for Walking RACA Robot	20.00
ISO/DIS 8373	Robotics — Vocabulary	40.99
ISO/DIS 10218-1	Robotics — Safety requirements for robot systems in an industrial environment — Part 1: Robots	40.93
ISO/DIS 10218-2	Robotics — Safety requirements for robot systems in an industrial environment — Part 2: Robot systems, robot applications and robot cells integration	40.20
ISO/DIS 11593	Robots for industrial environments — Automatic end effector exchange systems — Vocabulary and presentation of characteristics	40.99

AMT/10 ROBOTICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI 18646-2	Robotics — Performance criteria and related test methods for service robots — Part 2: Navigation	20.00
ISO/FDIS 18646-3	Robotics — Performance criteria and related test methods for service robots — Part 3: Manipulation	50.00
ISO/DIS 18646-4	Robotics — Performance criteria and related test methods for service robots — Part 4: Lower-back support robots	40.99
ISO/AWI 31101	Robotics — Services provided by service robots — Safety management systems requirements	20.00

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC CD 4922-1	Information security — Secure multiparty computation — Part 1: General	30.60
ISO/IEC WD 4922-2.2	Information security — Secure multiparty computation — Part 2: Mechanisms based on secret sharing	20.20
ISO/IEC WD 4983	Information technology — Security techniques — Remedial Systems Updating	20.60
ISO/IEC AWI TR 6114	Information technology – Security techniques – Security assurance throughout system life cycle	20.00
ISO/IEC AWI TR 6890	Towards creating an extension for patch management for ISO/IEC 15408 and ISO/IEC 18045	20.00
ISO/IEC 9797-1:2011/AWI AMD 1	Information technology — Security techniques — Message Authentication Codes (MACs) — Part 1: Mechanisms using a block cipher — Amendment 1	20.00
ISO/IEC DIS 9797-2	Information security — Message authentication codes (MACs) — Part 2: Mechanisms using a dedicated hash-function	40.60
ISO/IEC WD 9798-5	Information technology — Security techniques — Entity authentication — Part 5: Mechanisms using zero-knowledge techniques	20.20
ISO/IEC 10118-1:2016/AMD 1	Information technology — Security techniques — Hash-functions — Part 1: General — Amendment 1: Padding methods for sponge functions	60.00
ISO/IEC DIS 11770-7	Information security — Key management — Part 7: Cross-domain password-based authenticated key exchange	40.60
ISO/IEC AWI 11770-8	Information technology — Security techniques — Key management — Part 8: Password-based key derivation	20.00
ISO/IEC WD 14888-4	Information technology — Security techniques — Digital signatures with appendix — Part 4: Stateful hash-based mechanisms	20.20

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC DIS 15408-1	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Vocabulary, introduction and general model	40.99
ISO/IEC DIS 15408-2	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components	40.99
ISO/IEC DIS 15408-3	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components	40.99
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	40.99
ISO/IEC DIS 15408-5	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements	40.99
ISO/IEC DIS 15946-5	Information technology — Security techniques — Cryptographic techniques based on elliptic curves — Part 5: Elliptic curve generation	40.20
ISO/IEC WD 17825	Information technology — Security techniques — Testing methods for the mitigation of non-invasive attack classes against cryptographic modules	20.20
ISO/IEC DIS 18014-2	Information security — Time-stamping services — Part 2: Mechanisms producing independent tokens	40.60
ISO/IEC WD 18031	Information technology — Security techniques — Random bit generation	20.20
ISO/IEC DIS 18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation	40.99
ISO/IEC 20008-2:2013/WD AMD 2	Information technology — Security techniques — Anonymous digital signatures — Part 2: Mechanisms using a group public key — Amendment 2	20.20
ISO/IEC DIS 20897-2	Information security, cybersecurity and privacy protection — Physically unclonable functions — Part 2: Test and evaluation methods	40.00
ISO/IEC DTR 22216	Information technology — Security techniques — Introductory guidance on evaluation for IT security	30.20
ISO/IEC 23264-1	Information security — Redaction of authentic data — Part 1: General	60.00
ISO/IEC WD 24392.4	Information technology — Security techniques —Security reference model for Industrial Internet Platform (IIP)	20.60
ISO/IEC DIS 27002	Information security, cybersecurity and privacy protection — Information security controls	40.20

IST/33 - INFORMATION SECURITY, CYBERSECURITY AND PRIVACY PROTECTION		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/IEC CD 27005.2	Information security, cybersecurity and privacy protection — Guidance on managing information security risks and opportunities	30.60
ISO/IEC DIS 27013	Information security, cybersecurity and privacy protection — Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1	40.20
ISO/IEC TS 27022	Information technology — Guidance on information security management system processes	60.00
ISO/IEC CD 27032	Information Technology — Cybersecurity — Guidelines for Internet Security	30.60
ISO/IEC WD 27033-7	Information technology – Network security — Part 7: Guidelines for network virtualization security	20.20
ISO/IEC CD 27035-1	Information technology – Information security incident management — Part 1: Principles and process	30.60
ISO/IEC WD 27036-2	Information technology — Security techniques — Information security for supplier relationships — Part 2: Requirements	20.60
ISO/IEC WD 27040.2	Information technology — Security techniques — Storage security	20.60
ISO/IEC WD 27045.6	Information technology — Big data security and privacy — Processes	20.60
ISO/IEC WD 27046.2	Information technology — Big data security and privacy — Implementation guidelines	20.20
ISO/IEC WD 27071.4	Information technology – Security techniques – Security recommendations for establishing trusted connections between devices and services	20.20
ISO/IEC CD 27400.3	Cybersecurity – IoT security and privacy – Guidelines	30.20
ISO/IEC CD 27402	Cybersecurity — IoT security and privacy — Device baseline requirements	30.60

MTE/1/1 - MACHINE TOOLS - SAFETY		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO 16089:2015/DAMD 1	Machine tools — Safety — Stationary grinding machines — Amendment 1	40.60
ISO/DIS 16090-1	Machine tools safety — Machining centres, milling machines, transfer machines — Part 1: Safety requirements	40.60
ISO/AWI 23125-1	Machine tools safety — Turning machines — Part 1: Safety requirements	20.00
ISO/FDIS 28881	Machine tools — Safety — Electrical discharge machines	50.00

MTE/1/2 - MACHINE TOOLS - ACCURACY		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/DIS 230-4	Test code for machine tools — Part 4: Circular tests for numerically controlled machine tools	40.20
ISO/DIS 230-10	Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools	40.20
ISO/DIS 230-12	Test code for machine tools — Part 12: Accuracy of finished test pieces	40.00
ISO/CD 10791-2.2	Test conditions for machining centres — Part 2: Geometric tests for machines with vertical spindle (vertical Z-axis)	30.20
ISO/CD 10791-10	Test conditions for machining centres — Part 10: Evaluation of thermal distortions	30.99
ISO/DIS 26303	Machine tools — Short-term capability evaluation of machining processes on metal-cutting machine tools	40.20
ISO 19085-1	Woodworking machines — Safety — Part 1: Common requirements	60.00
ISO/FDIS 19085-2	Woodworking machines — Safety — Part 2: Horizontal beam panel circular sawing machines	50.00
ISO/FDIS 19085-3	Woodworking machines — Safety — Part 3: Numerically controlled (NC/CNC) boring and routing machines	50.00
ISO 19085-12	Woodworking machines — Safety — Part 12: Tenoning/profiling machines	60.00
ISO/DIS 19085-14	Woodworking machines — Safety — Part 14: Four-sided moulding machines	40.99
ISO/FDIS 19085-15.2	Woodworking machines — Safety — Part 15: Presses	50.60
ISO/FDIS 19085-16	Woodworking machines — Safety — Part 16: Table band saws and band re-saws	50.00
ISO/FDIS 19085-17	Woodworking machines — Safety — Part 17: Edge banding machines fed by chains	50.20
ISO/DIS 230-5	Test code for machine tools — Part 5: Determination of the noise emission	40.99

PH/9 - APPLIED ERGONOMICS		
STANDARDS UNDERDEVELOPMENT		STAGE
ISO/AWI 5716	Multivariate analysis tools and techniques for synthesis with anthropometric data	20
ISO/DIS 11228-1	Ergonomics — Manual handling — Part 1: Lifting, lowering and carrying	40.99
ISO 11228-2:2007/DAMD 1	Ergonomics — Manual handling — Part 2: Pushing and pulling — Amendment 1	40.99
ISO/DIS 14738	Safety of machinery — Anthropometric requirements for the design of workstations for industries and services	40.99
ISO/CD TR 23076.2	Ergonomics — Recovery Model for cyclical industrial work	30.99
ISO/WD 24227	Accuracy evaluation protocol for daily living walking speed extracted from sensor systems that measure human body motion	20.00

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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