



În perioada **2024-11.01 –2024-11.30**

Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observații orice persoană fizică sau juridică, la adresa [asro@asro.ro](mailto:asro@asro.ro). Proiectele pot fi obținute de la ASRO precizând indicativul și titlul proiectului. Termenul limită până la care se pot trimite comentarii este cu 30 zile calendaristice înainte de termenul limită de vot (dea), indicat după fiecare proiect.

## **ISO/TMBG CONSILIUL DE MANAGEMENT TEHNIC**

### **ISO/DGuide 84**

Guidelines for addressing climate change in standards

dea: 2025-02-17

## **ISO/IEC JTC 1 TEHNOLOGIA INFORMAȚIEI**

### **ISO/IEC DIS 4933**

Information technology — User interfaces — Unifying input actions across devices

dea: 2025-02-17

### **ISO/IEC DIS 9995-2**

Information technology — Keyboard layouts for text and office systems — Part 2: Alphanumeric section

dea: 2025-01-27

### **ISO/IEC DIS 9995-3**

Information technology — Keyboard layouts for text and office systems — Part 3: Latin International keyboard layout

dea: 2025-01-27

### **ISO/IEC DIS 19752**

Information technology — Office equipment — Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components

dea: 2025-02-18

### **ISO/IEC DIS 19757-3**

Information technology — Document Schema Definition Languages (DSDL) — Part 3: Rule-based validation using Schematron

dea: 2025-02-04

### **ISO/IEC DIS 19798**

Information technology — Office equipment — Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components

dea: 2025-02-14

### **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

dea: 2025-02-03

### **ISO/IEC DIS 22121-1**

Information technology — Virtual keyboards user interfaces — Part 1: General guidelines and recommendations

dea: 2025-02-12

### **ISO/IEC 23001-17:2024/DAmD 2**

Information technology — MPEG systems technologies — Part 17: Carriage of uncompressed video and images in ISO base media file format — Amendment 2: Generic compression for samples and items in ISO/BMFF

dea: 2025-02-03

### **ISO/IEC DIS 23008-3**

Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio

dea: 2025-01-30

### **ISO/IEC FDIS 23008-12/DAmD 1**

Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 12: Image File Format — Amendment 1: Support for tone map derivation and other technologies

dea: 2025-02-11

### **ISO/IEC 23090-2:2023/DAmD 1**

Information technology — Coded representation of immersive media — Part 2: Omnidirectional media format — Amendment 1: Server-side dynamic adaptation

dea: 2025-02-04

### **ISO/IEC DIS 23090-19**

Information technology — Coded representation of immersive media — Part

19: Reference software for V-PCC  
dea: 2025-01-29

**ISO/IEC DIS 23090-33**

Information technology — Coded representation of immersive media — Part 33: Conformance and reference software for haptics coding  
dea: 2025-01-27

**ISO/IEC DIS 23093-1**

Information technology — Internet of media things — Part 1: Architecture  
dea: 2025-01-27

**ISO/IEC DIS 23093-2**

Information technology — Internet of media things — Part 2: Discovery and communication API  
dea: 2025-01-28

**ISO/IEC DIS 23093-3**

Information technology — Internet of media things — Part 3: Media data formats and APIs  
dea: 2025-02-06

**ISO/IEC DIS 23955**

Information technology — 3D Printing and Scanning — Technical requirements for product data protection of additive manufacturing service platform (AMSP)  
dea: 2025-02-10

**ISO/IEC DIS 25422**

Information technology — 3D Manufacturing Format (3MF) specification suite  
dea: 2025-02-03

**ISO/IEC DIS 29110-5-2-1**

Systems and software engineering — Life cycle profiles for very small entities (VSEs) — Part 5-2-1: Organizational management guidelines  
dea: 2025-01-31

**ISO/IEC DIS 29110-7-1**

Systems and software engineering — Life cycle profiles for very small entities (VSEs) — Part 7-1: Space software engineering guidelines  
dea: 2025-01-30

**ISO/TC 17 OTEL**

**ISO 377:2017/DAMd 1**

Steel and steel products — Location and preparation of samples and test pieces for

mechanical testing — Amendment 1  
dea: 2025-01-28

**ISO/DIS 16650**

Bead wire  
dea: 2025-02-04

**ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU**

**ISO/DIS 20991**

Space systems — Requirements for small spacecraft  
dea: 2025-02-19

**ISO/DIS 22552**

Space systems — Manufacturing readiness review  
dea: 2025-01-28

**ISO/TC 22 VEHICULE RUTIERE**

**ISO/DIS 5101**

Road vehicles — Field load specification for brake actuation and modulation systems  
dea: 2025-02-03

**ISO/DIS 15118-4**

Road vehicles — Vehicle to grid communication interface — Part 4: Network and application protocol conformance test  
dea: 2025-02-20

**ISO/TC 23 TRACTOARE ȘI MATERIALE AGRICOLE ȘI FORESTIERE**

**ISO/DIS 24631-3**

Radiofrequency identification of animals — Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785  
dea: 2025-01-31

**ISO/TC 24 SITE, CERNERE ȘI ALTE METODE DE SEPARARE GRANULOMETRICĂ**

**ISO/DIS 9276-1**

Representation of results of particle size analysis — Part 1: Graphical representation  
dea: 2025-01-27

**ISO/DIS 21501-1**

Determination of particle size distribution — Single particle light interaction methods — Part 1: Light scattering aerosol spectrometer  
dea: 2025-02-13

**ISO/TC 27 COMBUSTIBILI MINERALI SOLIZI**

**ISO/DIS 1014-1**

Coke — Part 1: Determination of apparent relative density  
dea: 2025-01-30

**ISO/DIS 1014-3**

Coke — Part 3: Determination of porosity  
dea: 2025-01-27

**ISO/TC 28    PRODUSE PETROLIERE ȘI LUBRIFIANȚI****ISO/DIS 23505**

Petroleum and liquid petroleum products — Calibration of spherical tanks — External electro-optical distance-ranging method  
dea: 2025-02-03

**ISO/TC 29    SCULE MICI****ISO/DIS 26622-3**

Modular taper interface with ball track system — Part 3: Dimensions of shanks with four locking elements  
dea: 2025-02-11

**ISO/DIS 26622-4**

Modular taper interface with ball track system — Part 4: Dimensions of receivers, four locking elements  
dea: 2025-02-11

**ISO/TC 31    ANVELOPE, JANTE ȘI VALVE****ISO/DIS 10454**

Truck and bus tyres — Verifying tyre capabilities — Laboratory test methods  
dea: 2025-02-04

**ISO/DIS 18106**

Passenger car, commercial vehicle, truck and bus tyres — Methods for measuring snow grip performance — Loaded new tyres  
dea: 2025-02-17

**ISO/TC 33    MATERIALE REFRACTARE****ISO/DIS 2478**

Dense shaped refractory products — Determination of permanent change in dimensions on heating  
dea: 2025-02-06

**ISO/DIS 5017**

Dense shaped refractory products — Determination of bulk density, apparent

porosity and true porosity

dea: 2025-02-07

**ISO/TC 34    PRODUSE ALIMENTARE****ISO/DIS 23719**

Cereals and cereal products — Determination of 17 mycotoxins by ultra high performance liquid chromatography and tandem mass spectrometry method (UHPLC-MS/MS)  
dea: 2025-02-05

**ISO/TC 37    TERMINOLOGIE ȘI ALTE RESURSE LINGVISTICE****ISO/DIS 24495-2**

Plain language — Part 2: Legal communication  
dea: 2025-02-20

**ISO/DIS 24635-1**

Language resource management — Corpus Annotation Project Management — Part 1: Core model  
dea: 2025-01-28

**ISO/TC 38    TEXTILE****ISO/DIS 14419**

Textiles — Oil repellency — Hydrocarbon resistance test  
dea: 2025-01-28

**ISO/TC 41    ROȚI ȘI CURELE (INCLUSIV CURELE TRAPEZOIDALE)****ISO/DIS 703**

Conveyor belts — Transverse flexibility (troughability) — Test method  
dea: 2025-02-12

**ISO/DIS 4184**

Belt drives — Classical and narrow V-belts — Lengths in datum system  
dea: 2025-02-13

**ISO/TC 42    FOTOGRAFIE****ISO/DIS 18383**

Digital imaging — Specification guideline for digital cameras  
dea: 2025-02-13

**ISO/DIS 21496-1**

Digital Photography — Gain map metadata for image conversion — Part 1: Dynamic Range Conversion  
dea: 2025-02-03

**ISO/TC 46    INFORMARE ȘI  
DOCUMENTARE**

**ISO 15924:2022/DAmD 1**

Information and documentation — Codes for the representation of names of scripts — Amendment 1  
dea: 2025-01-31

**ISO/TC 47    CHIMIE**

**ISO/DIS 16294**

Basic chemical products — Basic chemicals resulting from chemical recycling — General principles  
dea: 2025-02-10

**ISO/TC 54    ULEIURI ESENȚIALE**

**ISO/DIS 24609**

Essential oil of carrot seed (*Daucus carota* L.)  
dea: 2025-02-03

**ISO/TC 61    MATERIALE PLASTICE**

**ISO/DIS 294-5**

Plastics — Injection moulding of test specimens of thermoplastic materials — Part 5: Preparation of standard specimens for investigating anisotropy  
dea: 2025-02-03

**ISO/DIS 7214**

Cellular plastics — Polyethylene — Methods of test  
dea: 2025-02-17

**ISO/DIS 8873-1**

Rigid cellular plastics — Spray-applied polyurethane foam for thermal insulation — Part 1: Material specification  
dea: 2025-02-18

**ISO/TC 67    MATERIALE, ECHIPAMENT  
ȘI STRUCTURI MARINE  
PENTRU INDUSTRIILE  
PETROLULUI ȘI GAZELOR  
NATURALE**

**ISO/DIS 19901-2**

Oil and gas industries including lower carbon energy — Specific requirements for offshore structures — Part 2: Seismic design procedures and criteria  
dea: 2025-02-03

**ISO/TC 68    SERVICII FINANCIARE**

**ISO/DIS 9564-2**

Financial services — Personal Identification Number (PIN) management and security — Part 2: Approved algorithms for PIN encipherment  
dea: 2025-02-10

**ISO/TC 69    APLICAȚII ALE  
METODELOR STATISTICE**

**ISO/DIS 28037**

Determination and use of straight-line calibration functions  
dea: 2025-02-05

**ISO/TC 85    ENERGIE NUCLEARĂ**

**IEC/DIS 63465**

Calibration and quality control in the use of radionuclide calibrators  
dea: 2025-02-14

**ISO/TC 86    TEHNICA FRIGULUI ȘI  
CLIMATIZARE**

**ISO/DIS 18976**

Testing of refrigerant compressors  
dea: 2025-02-18

**ISO/TC 94    SECURITATEA PERSOANEI-  
ÎMBRĂCĂMINTE ȘI  
ECHIPAMENTE DE PROTECȚIE**

**ISO 22568-1:2019/DAmD 1**

Foot and leg protectors — Requirements and test methods for footwear components — Part 1: Metallic toecaps — Amendment 1  
dea: 2025-02-12

**ISO/TC 96    MAȘINI DE RIDICAT**

**ISO/DIS 15513**

Cranes — Competency requirements for crane operators (drivers), slingers, signallers and assessors  
dea: 2025-02-17

**ISO/TC 106    STOMATOLOGIE**

**ISO/DIS 6876**

Dentistry — Endodontic sealing materials  
dea: 2025-02-12

**ISO/DIS 10451**

Dentistry — Contents of technical file for dental implant systems  
dea: 2025-01-30

**ISO/TC 108 VIBRAȚII ȘI ȘOCURI  
MECANICE**

**ISO/DIS 13379-1**

Condition monitoring and diagnostics of machines — Data interpretation and diagnostics techniques — Part 1: General guidelines  
dea: 2025-02-06

**ISO/TC 121 ECHIPAMENTE PENTRU  
ANESTEZIE ȘI REANIMARE**

**ISO/DIS 80601-2-61**

Medical electrical equipment — Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment  
dea: 2025-02-10

**ISO/TC 123 LAGĂRE**

**ISO/DIS 31657-1**

Plain bearings — Hydrodynamic plain journal bearings under steady-state conditions — Part 1: Calculation of multi-lobed and tilting pad journal bearings  
dea: 2025-02-20

**ISO/DIS 31657-2**

Plain bearings — Hydrodynamic plain journal bearings under steady-state conditions — Part 2: Functions for calculation of multi-lobed journal bearings  
dea: 2025-02-18

**ISO/DIS 31657-4**

Plain bearings — Hydrodynamic plain journal bearings under steady-state conditions — Part 4: Permissible operational parameters for calculation of multi-lobed and tilting pad journal bearings  
dea: 2025-02-18

**ISO/TC 126 TUTUN ȘI PRODUSE DIN  
TUTUN**

**ISO/DIS 13110**

Cigarettes — Determination of menthol in total particulate matter from mainstream smoke — Gas-chromatographic method  
dea: 2025-02-10

**ISO/DIS 15592-3**

Fine-cut tobacco and smoking articles made from it — Methods of sampling, conditioning and analysis — Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine,

preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter  
dea: 2025-02-04

**ISO/TC 131 SISTEME HIDRAULICE ȘI  
PNEUMETICE**

**ISO/DIS 18582-3**

Fluid power — Specification of reference dictionary — Part 3: Definitions of classes and properties of hydraulics  
dea: 2025-02-04

**ISO/TC 138 ȚEVI, FITINGURI ȘI  
ROBINETE DE MATERIALE  
PLASTICE PENTRU  
TRANSPORTUL FLUIDELOR**

**ISO/DIS 18488**

Polyethylene (PE) materials for piping systems — Determination of Strain Hardening Modulus in relation to slow crack growth — Test method  
dea: 2025-02-05

**ISO/TC 142 ECHIPAMENT DE CURATIRE  
PENTRU AER ȘI ALTE GAZE**

**ISO/DIS 15957**

Test dusts for evaluating air cleaning equipment  
dea: 2025-02-17

**ISO/TC 145 SIMBOLURI GRAFICE**

**ISO 7010:2019/DAmD 143**

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 143: Safety sign E072: Safe anchorage point  
dea: 2025-02-19

**ISO 7010:2019/DAmD 144**

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 144: Safety sign E073 : Emergency descent device  
dea: 2025-02-19

**ISO 7010:2019/DAmD 145**

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 145: Safety sign E074 : Emergency rations  
dea: 2025-02-19

**ISO 7010:2019/DAmD 146**

Graphical symbols — Safety colours and

safety signs — Registered safety signs —  
Amendment 146: Safety sign E075: Lifeguard  
dea: 2025-02-19

**ISO 7010:2019/DAmD 147**

Graphical symbols — Safety colours and  
safety signs — Registered safety signs —  
Amendment 147: Safety sign E076:  
Evacuation equipment  
dea: 2025-02-19

**ISO 7010:2019/DAmD 148**

Graphical symbols — Safety colours and  
safety signs — Registered safety signs —  
Amendment 148: Safety sign M068: Lock  
mechanical moving parts  
dea: 2025-02-19

**ISO 7010:2019/DAmD 149**

Graphical symbols — Safety colours and  
safety signs — Registered safety signs —  
Amendment 149: Safety sign M069: Tools  
must be tethered  
dea: 2025-02-19

**ISO 7010:2019/DAmD 150**

Graphical symbols — Safety colours and  
safety signs — Registered safety signs —  
Amendment 150: Safety sign M072: Use  
decontamination shower  
dea: 2025-02-19

**ISO 7010:2019/DAmD 151**

Graphical symbols — Safety colours and  
safety signs — Registered safety signs —  
Amendment 151: Safety sign P080 : No  
access for unauthorized persons  
dea: 2025-02-19

**ISO/TC 146 CALITATEA AERULUI**

**ISO/DIS 21438-3**

Workplace atmospheres — Determination of  
inorganic acids by ion chromatography —  
Part 3: Hydrofluoric acid and particulate  
fluorides  
dea: 2025-01-27

**ISO/TC 150 IMPLANTURI  
CHIRURGICALE**

**ISO/DIS 5834-1**

Implants for surgery — Ultra-high-molecular-  
weight polyethylene — Part 1: Powder form  
dea: 2025-02-11

**ISO/DIS 5834-2**

Implants for surgery — Ultra-high-molecular-

weight polyethylene — Part 2: Moulded forms  
dea: 2025-02-11

**ISO/DIS 5834-3**

Implants for surgery — Ultra-high-molecular-  
weight polyethylene — Part 3: Accelerated  
ageing methods after gamma irradiation in air  
dea: 2025-02-11

**ISO/DIS 5834-4**

Implants for surgery — Ultra-high-molecular-  
weight polyethylene — Part 4: Oxidation  
index measurement method  
dea: 2025-02-17

**ISO/DIS 5834-5**

Implants for surgery — Ultra-high-molecular-  
weight polyethylene — Part 5: Morphology  
assessment method  
dea: 2025-02-11

**ISO 18193:2021/DAmD 1**

Cardiovascular implants and artificial organs  
— Cannulae for extracorporeal circulation —  
Amendment 1  
dea: 2025-02-20

**ISO/TC 168 PROTEZE ŞI ORTEZE**

**ISO/DIS 8549-4**

Prosthetics and orthotics — Vocabulary —  
Part 4: Terms relating to limb amputation  
dea: 2025-02-04

**ISO/TC 171 APLICAȚII ÎN GESTIUNEA  
DOCUMENTELOR**

**ISO/DIS 15801**

Document management — Electronically  
stored information — Requirements for  
trustworthiness and reliability  
dea: 2025-02-18

**ISO/TC 173 PRODUSE AJUTĂTOARE  
PENTRU PERSOANE CU  
DEFICIENȚE SAU HANDICAP**

**ISO/DIS 17966**

Assistive products for toileting, bathing and  
showering — Requirements and test  
methods  
dea: 2025-01-27

**ISO/TC 183 MINEREURI ŞI  
CONCENTRATE DE CUPRU,  
PLUMB, ZINC ŞI NICHEL**

**ISO/DIS 11456**

Copper and zinc sulfide concentrates —

Determination of silver content — Acid digestion and flame atomic absorption spectrometric or inductively coupled plasma optical emission spectrometric method  
dea: 2025-02-17

#### **ISO/TC 194 EVALUARE BIOLOGICĂ A DISPOZITIVELOR MEDICALE**

##### **ISO/DIS 10993-2**

Biological evaluation of medical devices — Part 2: Animal welfare requirements  
dea: 2025-02-03

#### **ISO/TC 201 ANALIZE CHIMICE DE SUPRAFAȚĂ**

##### **ISO/DIS 11505**

Surface chemical analysis — General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry  
dea: 2025-02-06

#### **ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT**

##### **ISO/DIS 13140**

Electronic fee collection — Evaluation of on-board and roadside equipment for conformity to ISO 13141  
dea: 2025-02-04

#### **ISO/TC 207 MANAGEMENTUL MEDIULUI**

##### **ISO/DIS 14019-1**

Sustainability information — Part 1: General principles and requirements for validation and verification  
dea: 2025-01-29

##### **ISO/DIS 14019-2**

Sustainability information — Part 2: Principles and requirements for verification processes  
dea: 2025-01-29

##### **ISO/DIS 14019-4**

Sustainability information — Part 4: Principles and requirements for bodies validating and verifying sustainability information  
dea: 2025-02-07

##### **ISO/DIS 14054**

Natural capital accounting for organizations — Principles, requirements and guidelines  
dea: 2025-02-19

#### **ISO/TC 210 MANAGEMENTUL CALITĂȚII ȘI ASPECTE GENERALE**

#### **REFERITOARE LA DISPOZITIVELE MEDICALE**

##### **ISO/DIS 20417**

Medical devices — Information to be supplied by the manufacturer  
dea: 2025-02-21

#### **ISO/TC 213 SPECIFICAȚII ȘI VERIFICĂRI DIMENSIONALE ȘI GEOMETRICE ALE PRODUSELOR**

##### **ISO/DIS 16610-22**

Geometrical product specifications (GPS) — Filtration — Part 22: Linear profile filters: Spline filters  
dea: 2025-02-03

#### **ISO/TC 224 ACTIVITĂȚI DE SERVICE PRIVITOARE LA SISTEMELE DE ALIMENTARE CU APĂ POTABILĂ - CRITERII DE CALITATE A SERVICIILOR ȘI INDICATORI DE PERFORMANȚA**

##### **ISO/DIS 18671**

Test methodologies for assessing products suitable to be flushed down a toilet and appropriate labelling  
dea: 2025-02-04

#### **ISO/TC 227 ARCURI**

##### **ISO 19690-2:2018/DAMd 1**

Disc springs — Part 2: Technical specifications — Amendment 1: Durability chart for not shot peened springs (group 3)  
dea: 2025-02-12

#### **ISO/TC 269 APLICATII FERROVIARE**

##### **ISO/DIS 19659-4**

Railway applications — Heating, ventilation and air conditioning systems for rolling stock — Part 4: Design parameters, test and inspection items for the HVAC unit  
dea: 2025-02-17

##### **ISO/DIS 20138-1**

Railway applications — Calculation of braking performance (stopping, slowing and stationary braking) — Part 1: General algorithms utilizing mean value calculation  
dea: 2025-02-05

##### **ISO/DIS 20138-2**

Railway applications — Calculation of braking performance (stopping, slowing and

stationary braking) — Part 2: General algorithms utilizing step by step calculation  
dea: 2025-02-12

**ISO/DIS 22575**

Railway applications — General terms and definitions  
dea: 2025-01-31

**ISO/TC 276 BIOTEHNOLOGIE**

**ISO/DIS 16921-1**

Biotechnology — Gene delivery systems — Part 1: Vocabulary  
dea: 2025-02-10

**ISO/TC 282 RECICLAREA APEI**

**ISO/DIS 20468-10**

Performance evaluation of treatment technologies for water reuse systems — Part 10: Guidelines for evaluation of dependability of treatment systems  
dea: 2025-02-20

**ISO/DIS 20760-1**

Water reuse in urban areas — Guidelines for centralized water reuse system — Part 1: Design principle of a centralized water reuse system  
dea: 2025-02-14

**ISO/DIS 20760-2**

Water reuse in urban areas — Guidelines for centralized water reuse system — Part 2: Management of a centralized water reuse system  
dea: 2025-02-13

**ISO/TC 304 ADMINISTRAREA ASISTENȚEI MEDICALE**

**ISO/DIS 9829**

Healthcare organization management — Pandemic response — Contact tracing  
dea: 2025-02-17

**ISO/DIS 16473**

Healthcare organization management — Pandemic response — Response resource information management  
dea: 2025-02-14

**ISO/TC 331**

**ISO/DIS 13208**

Biodiversity — Vocabulary  
dea: 2025-02-17

**ISO/TC 333**

**ISO/DIS 7819**

Lithium — Vocabulary  
dea: 2025-02-07



