

The data presented have a value for research and not a legal value.

## Article 001

**Specification** Subject matter

**Relationship with Standard** 24029-1:2021 ISO/IEC TR-Assessment of L... 22989:2022 ISO/IEC-Artificial inte.... 24030:2024 ISO/IEC TR-Use cases... 38507:2022 ISO/IEC-Governance impl... 24028:2020 ISO/IEC TR-Overview of tru... (Artificial intelligence); 25010:2023 ISO/IEC SQuaRE - Produc...; 14971:2019 ISO-Application of ..., 5469:2024 ISO/IEC TR-TR Functional s..., 24368:2022 ISO/IEC TR-Overview of eth..., 24028:2020 ISO/IEC TR-Overview of tru... (Safety)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** The purpose of this Regulation is to improve the functioning of the internal market and promote the uptake of human-centric and trustworthy AI, while ensuring a high level of protection of health, safety, fundamental rights, including democracy, the rule of law and environmental protection, support innovation

**Full text**  Subject matter  
1. The purpose of this Regulation is to improve the functioning of the internal market and promote the uptake of human-centric and trustworthy artificial intelligence (AI), while ensuring a high level of protection of health, safety, fundamental rights

Terms	Variant	Complementary	Standard
216	Human-centric		22
96	Trustworthy		22
194	Artificial intelligence	24029-1:2021 ISO/IEC TR, 22989:2022 ISO/IEC, 24030:2024 ISO/IEC TR, 38507:2022 ISO/IEC TR	22
212	Health		22
214	Safety	25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020	22
209	Fundamental rights		22
217	Democracy		22
218	Environmental protection		22
220	Harmful effects		22
219	Innovation		22

**OPTIONAL INFORMATION**

Name and Surname: Domenico Natale | Affiliation and UNI CT 533 (member) | Qualification UNI CT 504 (president) | LinkedIn: <https://www.linkedin.com/in/domenico-natale-a9b99812/> | ... other originalSubdomain=it

**Observations**

## Article 002

**Specification** Scope

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f... 5338:2023 ISO/IEC-AI System life ... 24030:2024 ISO/IEC TR-Use cases... 24028:2020 ISO/IEC TR-Overview of tru... 6254 ISO/IEC CD TS-Objective and a...; 17847 ISO/IEC TS-Verification an...; 22443 ISO/IEC AWI TS-Guidance on add...; 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 12182:2015 ISO/IEC TR-Framework for c..., 25059-1 ISO/IEC AWI-Quality model f... (Service)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** The Regulation applies to:  
- providers  
- deployers  
- located in the Union  
- located in a third country with output used in the Union  
- Importers

**Full text**  Scope  
1. This Regulation applies to:  
(a) providers placing on the market or putting into service AI systems or placing on the market general-purpose AI models in the Union, irrespective of whether those providers are established or located within the

Terms	Variant	Complementary	Standard
222	Providers		23
223	Deployers		23
225	Located in the Union		23
224	Located in a third country with output used		23
226	Importers		23
227	Product manufacturers		23
228	Location		23
229	Products covered by Union harmonization		23
4	AI systems	25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254:2020 ISO/IEC TR	23
255	Service	12182:2015 ISO/IEC TR, 25059-1 ISO/IEC AWI	23

**OPTIONAL INFORMATION**

Name and Surname: Domenico Natale | Affiliation and UNI CT 533 (member) | Qualification UNI CT 504 (president) | LinkedIn: <https://www.linkedin.com/in/domenico-natale-a9b99812/> | ... other originalSubdomain=it

**Observations**

New

# Articles AI ACT

Standard

AI Act

Mapping

Terminology



The data presented have a value for research and not a legal value.

## Article 003

Specification: Definitions

Relationship with Standard: 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 27000:2018 ISO/IEC-Information sec... (Conformity); 24029-1:2021 ISO/IEC TR-Assessment of t..., 22989:2022 ISO/IEC-Artificial inte..., 24030:2024 ISO/IEC TR-Use cases..., 38507:2022 ISO/IEC-Governance impl..., 24028:2020 ISO/IEC TR-Overview of tru... (Artificial Intelligence); 9868 ISO/IEC DIS-Biometric ident... (Biometric data)

Link: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

Summary: The article start with a definition of Artificial Intelligence system continuing with mentioning other terms such as: risk, AI model, deployer, authorized representative, importer, distributor, operator, placing on the market, making available on the market, putting into service, intended purpose, reasonable foreseeable misuse, safety

Full text: Definitions For the purposes of this Regulation, the following definitions apply: (1) 'AI system' means a machine-based system that is designed to operate with varying levels of autonomy and that may exhibit adaptiveness after deployment, and

Terms	Variant	Complementary	Standard	
194 Artificial intelligence			24029-1:2021 ISO/IEC TR, 22989:2022 ISO/IEC, 24030:2024 ISO/IEC TR, 38507:2022 ISO/IEC	21
4 AI systems			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	21
223 Deployers				21
226 Importers				21
144 Conformity			27000:2018 ISO/IEC	21
290 Biometric data			9868 ISO/IEC DIS	21

### OPTIONAL INFORMATION

Name and Surname: Domenico Natale; Affiliation and UNI CT 533 (member); Qualification UNI CT 504 (president); Linkedin: <https://www.linkedin.com/in/domenico-natale-a9b99812/>; ... other originalSubdomain=it

Observations

## Article 004

Specification: AI literacy

Relationship with Standard: 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 25019:2023 ISO/IEC-Quality-in-use... (Experience); 22989:2022 ISO/IEC-Artificial inte... (Knowledge); 24028:2020 ISO/IEC TR-Overview of tru... (Training)

Link: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

Summary: Providers and deployers ensure the AI literacy to their staff

Full text: AI literacy Providers and deployers of AI systems shall take measures to ensure, to their best extent, a sufficient level of AI literacy of their staff and other persons dealing with the operation and use of AI systems on their behalf, taking into account their technical knowledge,

Terms	Variant	Complementary	Standard	
222 Providers				24
223 Deployers				24
234 Literacy				24
231 Knowledge			22989:2022 ISO/IEC	24
134 Experience			25019:2023 ISO/IEC	24
232 Education				24
233 Training			24028:2020 ISO/IEC TR	24
4 AI systems			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	24
230 AI literacy				24

### OPTIONAL INFORMATION

Name and Surname: Domenico Natale; Affiliation and UNI CT 533 (member); Qualification UNI CT 504 (president); Linkedin: <https://www.linkedin.com/in/domenico-natale-a9b99812/>; ... other originalSubdomain=it

Observations

The data presented have a value for research and not a legal value.

## Article 005

**Specification** Prohibited AI Practices

**Relationship with Standard** 2504:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25059:2023 ISO/IEC-Quality model f..., 25019:2023 ISO/IEC-Quality-in-use..., 25012:2008 ISO/IEC-Data quality mo... (Accessibility); 14971:2019 ISO-Application of ... (Market for medical or safety reasons); 9868 ISO/IEC DIS-Biometric ident... (Biometric data)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** The following AI practices shall be prohibited:  
 - manipulative or deceptive techniques  
 - the placing on the market the use of an AI system that exploit any vulnerabilities of a person or a specific group of persons due to their age, disability or a specific social or economic situation  
 - evaluation or classification of natural persons or

**Full text**  **Prohibited AI practices**  
 1. The following AI practices shall be prohibited:  
 (a)the placing on the market, the putting into service or the use of an AI system that deploys subliminal techniques beyond a person's consciousness or purposefully manipulative or deceptive techniques, with

Terms	Variant	Complementary	Standard	
239	Market for medical or safety reasons		14971:2019 ISO	25
1	Accessibility		25024:2015 ISO/IEC; 5259-2:2024 ISO/IEC FDIS; 25059:2023 ISO/IEC; 25019:2023 ISO/IEC	25
290	Biometric data		9868 ISO/IEC DIS	25
288	Disability			25
83	Aggregation			25

**OPTIONAL INFORMATION**

**Name and Surname** Domenico Natale   **Affiliation and Qualification** UNI CT 533 (member)   **Linkedin** <https://www.linkedin.com/in/domenico-natale-a9b99812/>  
 ... other originalSubdomain=it

**Observations**

## Article 006

**Specification** Classification rules for high-risk AI systems

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 42001:2023 ISO/IEC-Management syst..., 5259-3:2024 ISO/IEC-Data quality ma..., 23894:2023 ISO/IEC-Guidance on ris..., 27000:2018 ISO/IEC-Information sec..., 24970 ISO/IEC AWI-AI system loggi..., 31000:2018 ISO-Risk management..., 25058:2024 ISO/IEC TS-Guidance for qu... (Risk management); 25019:2023 ISO/IEC-SQuARE - Produc..., 14971:2019 ISO-Application of ..., 5469:2024 ISO/IEC TR-TR Functional s..., 24368:2022 ISO/IEC TR-Overview of eth..., 24028:2020 ISO/IEC TR-Overview of tru... (Safety); 23894:2023 ISO/IEC-Guidance on ris... (Products); 4213:2022 ISO/IEC TS-Assessment of M..., 4213-1 ISO/IEC AWI-Performance mea... (Classification); 12182:2015 ISO/IEC TR-Framework for c..., 25059-1 ISO/IEC AWI-Quality model f... (Service); 38507:2022 ISO/IEC-Governance impl... (Decision-making)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** The document distinguishes for AI systems the level of risks

**Full text**  **Classification rules for high-risk AI systems**  
 1. Irrespective of whether an AI system is placed on the market or put into service independently of the products referred to in points (a) and (b), that AI system shall be considered to be high-risk where both of the following conditions are fulfilled:

Terms	Variant	Complementary	Standard	
253	Classification	categorization	4213:2022 ISO/IEC TS, 4213-1 ISO/IEC AWI	29
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	29
255	Service		12182:2015 ISO/IEC TR, 25059-1 ISO/IEC AWI	29
236	Products		23894:2023 ISO/IEC	29
212	Health			29
214	Safety		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020	29
209	Fundamental rights			29
256	Decision-making		38507:2022 ISO/IEC	29
101	Risk management		42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970	29

**OPTIONAL INFORMATION**

**Name and Surname**   **Affiliation and Qualification**   **Linkedin** ... other

**Observations**

The data presented have a value for research and not a legal value.

### Article 007

**Specification** Amendment, to Annex III

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life ..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 42001:2023 ISO/IEC-Management syst..., 5259-3:2024 ISO/IEC-Data quality ma..., 23894:2023 ISO/IEC-Guidance on rs..., 27000:2018 ISO/IEC-Information sec..., 24970 ISO/IEC AWI-AI system logg..., 31000:2018 ISO-Risk management..., 25058:2024 ISO/IEC TS-Guidance for qu... (Risk management); 25010:2023 ISO/IEC-SQuaRE - Produc..., 14971:2019 ISO-Application of ..., 5469:2024 ISO/IEC TR-TR Functional s..., 24368:2022 ISO/IEC TR-Overview of eth..., 24028:2020 ISO/IEC TR-Overview of tru... (Safety); 24030:2024 ISO/IEC TR-Use cases..., 21221 ISO/IEC WD-Beneficial AI s... (Use-cases); 24028:2020 ISO/IEC TR-Overview of tru..., 8200:2024 ISO/IEC TS-Controllability..., 29119-11:2020 ISO/IEC TR-Guidelines on t... (Autonomy); 21221 ISO/IEC WD-Beneficial AI s... (Benefit); 21221 ISO/IEC WD-Beneficial AI s... (Beneficial)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** Amendmenys to Annex III by adding or modifying use-cases of high-risks, regarding AI systems

**Full text**  Amendments to Annex III  
1. The Commission is empowered to adopt delegated acts in accordance with Article 97 to amend Annex III by adding or modifying use-cases of high-risk AI systems where both of the following conditions are fulfilled:

Terms	Variant	Complementary	Standard	
258 Use-cases			24030:2024 ISO/IEC TR, 21221 ISO/IEC WD	30
4 AI systems			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	30
212 Health				30
214 Safety			25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR	30
209 Fundamental rights				30
101 Risk management			42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970	30
266 Autonomy			24028:2020 ISO/IEC TR, 8200:2024 ISO/IEC TS, 29119-11:2020 ISO/IEC TR	30
298 Benefit	beneficialness		21221 ISO/IEC WD	30
299 Beneficial			21221 ISO/IEC WD	30

#### OPTIONAL INFORMATION

Name and Surname:  Affiliation and Qualification:  LinkedIn:  other:

Observations:

### Article 008

**Specification** Compliance with the requirements

**Relationship with Standard** 27000:2018 ISO/IEC-Information sec... (Compliance with the requirements)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** High-risk AI systems shall comply with the requirements laid down in the Section 2. The risk managemnt system referred to in Article 9 shall be considered when ensuring compliance with those requirements.

**Full text**  Compliance with the requirements  
1. High-risk AI systems shall comply with the requirements laid down in this Section, taking into account their intended purpose as well as the generally acknowledged state of the art on AI and AI-related technologies. The risk management system referred to

Terms	Variant	Complementary	Standard	
147 Compliance with the requirements			27000:2018 ISO/IEC	20

#### OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and UNI CT 533 (member) Qualification UNI CT 504 (president) LinkedIn: <https://www.linkedin.com/in/domenico-natale-a9b99812/> other originalSubdomain=it

Observations:

The data presented have a value for research and not a legal value.

### Article 009

**Specification** Risk management system

**Relationship with Standard** 24027:2021 ISO/IEC TR-Bias in AI syst..., 5338:2023 ISO/IEC-AI System life ..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 5339:2024 ISO/IEC-Guidance for AI..., 62304:2006 IEC-Medical device ... (Lifecycle); 42001:2023 ISO/IEC-Management syst..., 5259-3:2024 ISO/IEC-Data quality ma..., 23894:2023 ISO/IEC-Guidance on ris..., 27000:2018 ISO/IEC-Information sec..., 24970 ISO/IEC AWI-AI system logg..., 31000:2018 ISO-Risk management..., 25058:2024 ISO/IEC TS-Guidance for qu..., (Risk management); 27000:2018 ISO/IEC-Information sec..., (Documented information); 5259-1:2024 ISO/IEC-Overview, termi..., 27000:2018 ISO/IEC-Information sec..., 25059-1 ISO/IEC AWI-Quality model f..., 4213-1 ISO/IEC AWI-Performance mea..., (Measurement); 27000:2018 ISO/IEC-Information sec..., 14971:2019 ISO-Application of ... (Residual risk); 27000:2018 ISO/IEC-Information sec..., 14971:2019 ISO-Application of ... (Risk evaluation)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** A risk management system shall be established, implemented, documented and maintained in relation to high-risk AI system.

**Full text**  Risk management system  
 1. A risk management system shall be established, implemented, documented and maintained in relation to high-risk AI systems.  
 2. The risk management system shall be understood as a continuous iterative process planned and run

Terms	Variant	Complementary	Standard
101 Risk management			42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970
49 Lifecycle			24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS
145 Documented information			27000:2018 ISO/IEC
158 Risk evaluation			27000:2018 ISO/IEC, 14971:2019 ISO
154 Residual risk			27000:2018 ISO/IEC, 14971:2019 ISO
153 Measurement			5259-1:2024 ISO/IEC, 27000:2018 ISO/IEC, 25059-1 ISO/IEC AWI, 4213-1 ISO/IEC AWI

#### OPTIONAL INFORMATION

**Name and Surname** Domenico Natale **Affiliation and UNI CT 533 (member)** Qualification UNI CT 504 (president) **Linkedin** <https://www.linkedin.com/in/domenico-natale-a9b99812/> ... other originalSubdomain=it

**Observations**

### Article 010

**Specification** Data and data governance

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f..., (Annotation); 5259-2:2024 ISO/IEC FDIS-Data quality me..., (Bias detection and correction); 25012:2008 ISO/IEC-Data quality mo..., (Complete); 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25012:2008 ISO/IEC-Data quality mo..., 24028:2020 ISO/IEC TR-Overview of tru..., (Consistency); 5259-1:2024 ISO/IEC-Overview, termi..., 31010:2019 IEC-Risk assessment..., (Data collection processes); 24027:2021 ISO/IEC TR-Bias in AI syst..., 23894:2023 ISO/IEC-Guidance on ris..., 82079-1:2019 IEC/IEEE-IEC Part 1: pri..., 26514:2022 ISO/IEC/IEEE-Design and deve..., (Design); 5259-2:2024 ISO/IEC FDIS-Data quality me..., (Origin of data); 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., (Quality criteria); 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 24029-1:2021 ISO/IEC TR-Assessment of t..., (Training, validation, testing datasets); 42001:2023 ISO/IEC-Management syst..., (Cleaning); 8183:2023 ISO/IEC-Data life cycle..., 5259-5:2024 ISO/IEC FDIS-Data quality go..., 38500:2024 ISO/IEC-Governance of l..., 38507:2022 ISO/IEC-Governance impl..., (Governance); 5259-1:2024 ISO/IEC-Overview, termi..., 25019:2023 ISO/IEC-Quality-in-use ..., 25012:2008 ISO/IEC-Data quality mo..., 8000-1:2022 ISO-Part 1: Overvie..., (Data quality)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** High-risk AI systems shall be developed on the basis of training, validation and testing data sets that meet the quality criteris referred to in paragraphs 2 to 5.

**Full text**  Data and data governance  
 1. High-risk AI systems which make use of techniques involving the training of AI models with data shall be developed on the basis of training, validation and testing data sets that meet the quality criteria referred to in paragraphs 2 to 5 whenever such data sets are used.

Terms	Variant	Complementary	Standard
74 Training, validation, testing datasets			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24029-1:2021 ISO/IEC TR
57 Quality criteria			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS
52 Origin of data	provenance		5259-2:2024 ISO/IEC FDIS
13 Bias detection and correction			5259-2:2024 ISO/IEC FDIS
53 Personal data are not to be transmitted,			
111 Governance			8183:2023 ISO/IEC, 5259-5:2024 ISO/IEC FDIS, 38500:2024 ISO/IEC, 38507:2022 ISO/IEC
34 Design			24027:2021 ISO/IEC TR, 23894:2023 ISO/IEC, 82079-1:2019 IEC/IEEE, 26514:2022
46 HR AI Systems			
29 Data collection processes			5259-1:2024 ISO/IEC, 31010:2019 IEC
5 Annotation			25059:2023 ISO/IEC
25 Consistency			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25012:2008 ISO/IEC, 24029-1:2021 ISO/IEC TR
80 Cleaning			42001:2023 ISO/IEC
102 Labelling			
116 Data quality			5259-1:2024 ISO/IEC, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC, 8000-1:2022 ISO
19 Complete			25012:2008 ISO/IEC
83 Aggregation			
33 Data-preparation processing			
82 Enrichment			
42 Formulation of assumptions (information			
44 Fundamental rights or lead to discrimination			

#### OPTIONAL INFORMATION

**Name and Surname** Domenico Natale **Affiliation and UNI CT 533 (member)** Qualification UNI CT 504 (president) **Linkedin** <https://www.linkedin.com/in/domenico-natale-a9b99812/> ... other originalSubdomain=it

**Observations**

The data presented have a value for research and not a legal value.

### Article 011

**Specification** Technical documentation

**Relationship with Standard** 27000:2018 ISO/IEC-Information sec... (Documented information); 82079-1:2019 IEC/IEEE-IEC Part 1: pri... (Technical documentation)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** Technical documentation of a high-risk shall be drawn before that the system is on the market or put into service and shall be kept up-to date

**Full text**  Technical documentation  
 1. The technical documentation of a high-risk AI system shall be drawn up before that system is placed on the market or put into service and shall be kept up-to date.  
 The technical documentation shall be drawn up in such

Terms	Variant	Complementary	Standard
145 Documented information			27000:2018 ISO/IEC
246 Technical documentation			82079-1:2019 IEC/IEEE

**OPTIONAL INFORMATION**

Name and Surname  Affiliation and UNI Qualification  LinkedIn  ... other

Observations

### Article 012

**Specification** Record keeping

**Relationship with Standard** 25024:2015 ISO/IEC-Measurement of ...; 5259-2:2024 ISO/IEC FDIS-Data quality me...; 24970 ISO/IEC AWI-AI system loggi...; 25012:2008 ISO/IEC-Data quality mo... (Traceability); 42001:2023 ISO/IEC-Management syst...; 5259-3:2024 ISO/IEC-Data quality ma...; 23894:2023 ISO/IEC-Guidance on ris...; 27000:2018 ISO/IEC-Information sec...; 24970 ISO/IEC AWI-AI system loggi...; 31000:2018 ISO-Risk management...; 25058:2024 ISO/IEC TS-Guidance for qu... (Risk management); 24970 ISO/IEC AWI-AI system loggi... (Logging); 24028:2020 ISO/IEC TR-Overview of tru... (Data)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** Logging capabilities in order to ensure a level of traceability and functioning of High-risk

**Full text**  Record-keeping  
 1. High-risk AI systems shall technically allow for the automatic recording of events (logs) over the lifetime of the system.  
 2. In order to ensure a level of traceability of the functioning of a high-risk AI system that is appropriate

Terms	Variant	Complementary	Standard
245 Logging			24970 ISO/IEC AWI
73 Traceability			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24970 ISO/IEC AWI, 25012:2008 ISO/IEC
101 Risk management			42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970
302 Logs			
260 Data			24028:2020 ISO/IEC TR
306 Input data			

**OPTIONAL INFORMATION**

Name and Surname  Domenico Natale Affiliation and UNI Qualification  LinkedIn [https://www.linkedin.com/in/domenico-natale-a9b99812/?original\\_referer=https%3A%2F%2Fwww%2Egoogle%2Eit%](https://www.linkedin.com/in/domenico-natale-a9b99812/?original_referer=https%3A%2F%2Fwww%2Egoogle%2Eit%) ... other

Observations

The data presented have a value for research and not a legal value.

## Article 013

**Specification** Transparency and provision of information to developers

**Relationship with Standard** 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25012:2008 ISO/IEC-Data quality mo..., 29119-11:2020 ISO/IEC TR-Guidelines on L... (Accuracy); 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life ..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 25059:2023 ISO/IEC-Quality model f..., 24028-1:2021 ISO/IEC TR-Assessment of L..., 24029-2:2023 ISO/IEC-Assessment of L... (Robustness); 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 22989:2022 ISO/IEC-Artificial inte..., 24028:2020 ISO/IEC TR-Overview of tru... (Validation); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Datasets); 22989:2022 ISO/IEC-Artificial inte... (Cybersecurity); 25059:2023 ISO/IEC-Quality model f..., 5469:2024 ISO/IEC TR-Functional s..., 24028:2020 ISO/IEC TR-Overview of tru... (Transparency); 24028:2020 ISO/IEC TR-Overview of tru..., 26514:2022 ISO/IEC/IEEE-Design and deve... (Information); 29119-11:2020 ISO/IEC TR-Guidelines on L... (Metrics)

**Link**

**Summary** High-risk AI systems shall be designed and developed in such a way as to ensure that their operation is sufficiently transparent to enable deployers to interpret a system's output and use it appropriately. An

**Full text**  Transparency and provision of information to developers  
1. High-risk AI systems shall be designed and developed in such a way as to ensure that their operation is sufficiently transparent to enable deployers to interpret a system's output and use it appropriately.

Terms	Variant	Complementary	Standard	
243	Transparency		25059:2023 ISO/IEC, 5469:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	37
268	Information		24028:2020 ISO/IEC TR, 26514:2022 ISO/IEC/IEEE	37
223	Deployers			37
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	37
2	Accuracy		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25012:2008 ISO/IEC, 29119-11:2020 ISO/IEC TR	37
18	Robustness		25059:2023 ISO/IEC, 24029-1:2021 ISO/IEC TR, 24029-2:2023 ISO/IEC	37
215	Cybersecurity		22989:2022 ISO/IEC	37
285	Metrics		29119-11:2020 ISO/IEC TR	37
103	Datasets		5259-2:2024 ISO/IEC FDIS	37
70	Testing data sets			37
76	Validation		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24028:2020 ISO/IEC TR	37
302	Logs			37

### OPTIONAL INFORMATION

Name and Surname:  Affiliation and Qualification:  LinkedIn ... other:

Observations:

## Article 014

**Specification** Human oversight

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life ..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 25010:2023 ISO/IEC-SQuaRE - Produc..., 14971:2019 ISO-Application of ..., 5469:2024 ISO/IEC TR-TR Functional s..., 24368:2022 ISO/IEC TR-Overview of eth..., 24028:2020 ISO/IEC TR-Overview of tru... (Safety); 8200:2024 ISO/IEC TS-Controllability... (Controller)

**Link**  <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** High-risk AI systems shall be designed and developed in such a way, including with appropriate human-machine interface tools, that they can be effectively overseen by natural persons during the period in which they are in use. Human oversight shall aim to prevent or minimise the risks to health, safety or fundamental rights

**Full text**  Human oversight  
1. High-risk AI systems shall be designed and developed in such a way, including with appropriate human-machine interface tools, that they can be effectively overseen by natural persons during the period in which they are in use.

Terms	Variant	Complementary	Standard	
114	Context of use			33
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	33
212	Health			33
214	Safety		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR	33
278	Controller		8200:2024 ISO/IEC TS	33

### OPTIONAL INFORMATION

Name and Surname:  Affiliation and Qualification:  LinkedIn ... other:

Observations:

The data presented have a value for research and not a legal value.

### Article 015

**Specification** Accuracy, robustness and cybersecurity

**Relationship with Standard** 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25012:2008 ISO/IEC-Data quality mo..., 29119-11:2020 ISO/IEC TR-Guidelines on L... (Accuracy); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Bias detection and correction); 25059:2023 ISO/IEC-Quality model f..., 24029-1:2021 ISO/IEC TR-Assessment of L..., 24029-2:2023 ISO/IEC-Assessment of L... (Robustness); 5259-2:2024 ISO/IEC FDIS-Data quality me..., 22989:2022 ISO/IEC-Artificial inte... (Data quality reporting); 5259-1:2024 ISO/IEC-Overview, termi..., 31010:2019 IEC-Risk assessment... (Data collection processes); 24027:2021 ISO/IEC TR-Bias in AI syst..., 5338:2023 ISO/IEC-AI System life..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 5339:2024 ISO/IEC-Guidance for AI..., 62304:2006 IEC-Medical device ... (Lifecycle); 25024:2015 ISO/IEC-Measurement of ..., 42001:2023 ISO/IEC-Management syst..., 27000:2018 ISO/IEC-Information sec... (Measurement and method); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Origin of data); 25059:2023 ISO/IEC-Quality model f..., 25010:2023 ISO/IEC-SQuaRE - Produc..., 24028:2020 ISO/IEC TR-Overview of tru..., 9868 ISO/IEC DIS-Biometric ident... (Security); 22989:2022 ISO/IEC-Artificial inte... (Cybersecurity)

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** High-risk AI systems shall be designed and developed in such a way that they achieve an appropriate level of accuracy robustness and cybersecurity...throughout their lifecycle.

**Full text** Accuracy, robustness and cybersecurity  
1. High-risk AI systems shall be designed and developed in such a way that they achieve an appropriate level of accuracy, robustness, and cybersecurity, and that they perform consistently in those respects throughout their lifecycle.

Terms	Variant	Complementary	Standard	
47	Interaction with natural person or other			15
2	Accuracy		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25012:2008 ISO/IEC, 29119-11:2020 ISO/IEC TR	15
65	Robustness achieved with redundancy,			15
29	Data collection processes		5259-1:2024 ISO/IEC, 31010:2019 IEC	15
50	Measurement and method		25024:2015 ISO/IEC, 42001:2023 ISO/IEC, 27000-2018 ISO/IEC	15
46	HR AI Systems			15
13	Bias detection and correction		5259-2:2024 ISO/IEC FDIS	15
49	Lifecycle		24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS	15
48	Level declaration & instruction of use			15
66	Security		25059:2023 ISO/IEC, 25010:2023 ISO/IEC, 24028:2020 ISO/IEC TR, 9868 ISO/IEC DIS	15
41	Examination of biases, health and safety of			15
52	Origin of data		5259-2:2024 ISO/IEC FDIS	15
67	Security and privacy, pseudonymisation			15
28	Data quality reporting		5259-2:2024 ISO/IEC FDIS, 22989:2022 ISO/IEC	15
50	Measurement and method		25024:2015 ISO/IEC, 42001:2023 ISO/IEC, 27000-2018 ISO/IEC	15
18	Robustness		25059:2023 ISO/IEC, 24029-1:2021 ISO/IEC TR, 24029-2:2023 ISO/IEC	15
215	Cybersecurity		22989:2022 ISO/IEC	15
45	How to measure, metrology			15

#### OPTIONAL INFORMATION

Name and Surname: Domenico Natale | Affiliation and UNI CT 533 (member) | Qualification UNI CT 504 (president) | LinkedIn <https://www.linkedin.com/in/domenico-natale-a9b99812/> | ... other originalSubdomain=it

#### Observations

### Article 016

**Specification** Obligations of providers of high-risk AI systems

**Relationship with Standard** 25059:2023 ISO/IEC-Quality model f..., 5338:2023 ISO/IEC-AI System life..., 24030:2024 ISO/IEC TR-Use cases..., 24028:2020 ISO/IEC TR-Overview of tru..., 6254 ISO/IEC CD TS-Objective and a..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 21221 ISO/IEC WD-Beneficial AI s..., 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 27000:2018 ISO/IEC-Information sec... (Conformity); 82079-1:2019 IEC/IEEE-IEC Part 1: pri... (Documentation)

**Link**

**Summary** Ensure that their high-risk AI systems are compliant with the requirements set out in Section 2;

**Full text** Obligations of providers of high-risk AI systems  
Providers of high-risk AI systems shall:  
(a)ensure that their high-risk AI systems are compliant with the requirements set out in Section 2;  
(b)indicate on the high-risk AI system or, where that is not possible, on its packaging or its accompanying

Terms	Variant	Complementary	Standard	
222	Providers			38
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	38
247	Documentation		82079-1:2019 IEC/IEEE	38
289	Quality management			38
305	Contact			38
144	Conformity		27000:2018 ISO/IEC	38

#### OPTIONAL INFORMATION

Name and Surname: | Affiliation and Qualification: | LinkedIn ... other

#### Observations



The data presented have a value for research and not a legal value.

### Article 017

**Specification** Quality management system

**Relationship with Standard** 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25059:2023 ISO/IEC-Quality model f..., 25019:2023 ISO/IEC-Quality-in-use ..., 25012:2008 ISO/IEC-Data quality mo... (Accessibility); 25059:2023 ISO/IEC-Quality model f..., 25059-1 ISO/IEC AWI-Quality model f..., (AI models); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Bias detection and correction); 25024:2015 ISO/IEC-Measurement of ..., 5259-2:2024 ISO/IEC FDIS-Data quality me..., 25019:2023 ISO/IEC-Quality-in-use ..., 25012:2008 ISO/IEC-Data quality mo... (Compliance); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Data holder); 5259-2:2024 ISO/IEC FDIS-Data quality me... (Identifiability); 8183:2023 ISO/IEC-Data life cycle..., 5259-1:2024 ISO/IEC-Overview, termi..., 5259-4:2024 ISO/IEC-Data quality pr... (Data life cycle); 24027:2021 ISO/IEC TR-Bias in AI syst..., 23894:2023 ISO/IEC-Guidance on ris..., 82079-1:2019 IEC/IEEE-IEC Part 1: pri..., 26514:2022 ISO/IEC/IEEE-Design and deve... (Design); 24027:2021 ISO/IEC TR-Bias in AI syst..., 5338:2023 ISO/IEC-AI System life ..., 17847 ISO/IEC TS-Verification an..., 22443 ISO/IEC AWI TS-Guidance on add..., 5339:2024 ISO/IEC-Guidance for AI..., 62304:2006 IEC-Medical device ... (Lifecycle); 42001:2023 ISO/IEC-Management syst..., (Cleaning); 42001:2023 ISO/IEC-Management syst..., 23894:2023 ISO/IEC-Guidance on ris... (Leadership); 42001:2023 ISO/IEC-Management syst... (Planning); 25019:2023 ISO/IEC-Quality-in-use ... (Post-market); 42001:2023 ISO/IEC-Management syst..., 5259-2:2024 ISO/IEC

**Link** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary** Providers of high-risk AI systems shall put a quality management system in place that ensures compliance with the AI Act regulation.

**Full text**  Quality management system  
 1. Providers of high-risk AI systems shall put a quality management system in place that ensures compliance with this Regulation. That system shall be documented in a systematic and orderly manner in the form of written policies, procedures and instructions, and shall

Terms	Variant	Complementary	Standard	
22 Data holder			5259-2:2024 ISO/IEC FDIS	17
86 Leadership			42001:2023 ISO/IEC, 23894:2023 ISO/IEC	17
49 Lifecycle			24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS	17
58 Re-use of the personal data	Quality control			17
71 The personal data in the special categories				17
84 Assessment datasets				17
30 Data life cycle			8183:2023 ISO/IEC, 5259-1:2024 ISO/IEC, 5259-4:2024 ISO/IEC	17
3 AI models			25059:2023 ISO/IEC, 25059-1 ISO/IEC AWI	17
80 Cleaning			42001:2023 ISO/IEC	17
87 Planning			42001:2023 ISO/IEC	17
21 Compliance			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC	17
24 Identifiability			5259-2:2024 ISO/IEC FDIS	17
34 Design			24027:2021 ISO/IEC TR, 23894:2023 ISO/IEC, 82079-1:2019 IEC/IEEE, 26514:2022 ISO/IEC/IEEE	17
100 Post-market	Quality in use		25019:2023 ISO/IEC	17
1 Accessibility			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25059:2023 ISO/IEC, 25019:2023 ISO/IEC	17
101 Risk management			42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970	17
13 Bias detection and correction			5259-2:2024 ISO/IEC FDIS	17
273 Accountability			42001:2023 ISO/IEC, 5339:2024 ISO/IEC	17

#### OPTIONAL INFORMATION

Name and Surname: Domenico Natale | Affiliation and UNI CT 533 (member) | Qualification UNI CT 504 (president) | LinkedIn <https://www.linkedin.com/in/domenico-natale-a9b99812/> | ... other originalSubdomain=it

#### Observations

### Article 018

**Specification** Documentation keeping

**Relationship with Standard** 27000:2018 ISO/IEC-Information sec... (Conformity); 82079-1:2019 IEC/IEEE-IEC Part 1: pri... (Technical documentation)

**Link**

**Summary** The provider shall, for a period ending 10 years after the high-risk AI system has been placed on the market or put into service, keep at the disposal of the national competent authorities

**Full text**  Documentation keeping  
 1. The provider shall, for a period ending 10 years after the high-risk AI system has been placed on the market or put into service, keep at the disposal of the national competent authorities:  
 (a) the technical documentation referred to in Article 11;

Terms	Variant	Complementary	Standard	
222 Providers				39
246 Technical documentation			82079-1:2019 IEC/IEEE	39
289 Quality management				39
144 Conformity			27000:2018 ISO/IEC	39

#### OPTIONAL INFORMATION

Name and Surname: | Affiliation and Qualification: | LinkedIn ... other

#### Observations

**Article 019**

**Specification:** Automatically generated logs

**Relationship with Standard:** 82079-1:2019 IEC/IEEE-IEC Part 1: pr... (Documentation); 24028:2020 ISO/IEC TR-Overview of tru... (Personal data)

**Link:**

**Summary:** Providers of high-risk AI systems shall keep the logs referred to in Article 12(1), automatically generated by their high-risk AI systems, to the extent such logs are under their control.

**Full text:** Automatically generated logs  
 1. Providers of high-risk AI systems shall keep the logs referred to in Article 12(1), automatically generated by their high-risk AI systems, to the extent such logs are under their control. Without prejudice to applicable Union or national law, the logs shall be kept for a period

Terms	Variant	Complementary	Standard	
302	Logs			40
271	Personal data		24028:2020 ISO/IEC TR	40
307	Protection of personal data			40
247	Documentation		82079-1:2019 IEC/IEEE	40

**OPTIONAL INFORMATION**

Name and Surname  Affiliation and Qualification  LinkedIn ... other

Observations

**Article 043**

**Specification:** Conformity assessment

**Relationship with Standard:** 25059:2023 ISO/IEC-Quality model f...; 5338:2023 ISO/IEC-AI System life ...; 24030:2024 ISO/IEC TR-Use cases ...; 24028:2020 ISO/IEC TR-Overview of tru...; 6254 ISO/IEC CD TS-Objective and a...; 17847 ISO/IEC TS-Verification an...; 22443 ISO/IEC AWI TS-Guidance on add...; 21221 ISO/IEC WD-Beneficial AI s...; 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 27000:2018 ISO/IEC-Information sec... (Conformity); 5259-3:2024 ISO/IEC-Data quality ma...; 14971:2019 ISO-Application of ...; 38500:2024 ISO/IEC-Governance of l...; 9868 ISO/IEC DIS-Biometric ident... (Management); 25010:2023 ISO/IEC-SQaIE - Produc...; 14971:2019 ISO-Application of ...; 5469:2024 ISO/IEC TR-TR Functional s...; 24368:2022 ISO/IEC TR-Overview of eth...; 24028:2020 ISO/IEC TR-Overview of tru... (Safety); 82079-1:2019 IEC/IEEE-IEC Part 1: pr... (Technical documentation); 4213:2022 ISO/IEC TS-Assessment of M...; 29119-11:2020 ISO/IEC TR-Guidelines on L... (Assessment)

**Link:** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary:** Conformity assessment procedures are based on:  
 - the internal control referred to in Annex VI  
 - the assessment of the quality management system and the technical documentation

**Full text:** Conformity assessment  
 1. For high-risk AI systems listed in point 1 of Annex III, where, in demonstrating the compliance of a high-risk AI system with the requirements set out in Section 2, the provider has applied harmonised standards referred to in Article 40, or, where applicable,

Terms	Variant	Complementary	Standard	
170	Management		5259-3:2024 ISO/IEC, 14971:2019 ISO, 38500:2024 ISO/IEC, 9868 ISO/IEC DIS	32
289	Quality management			32
246	Technical documentation		82079-1:2019 IEC/IEEE	32
144	Conformity		27000:2018 ISO/IEC	32
286	Assessment		4213:2022 ISO/IEC TS, 29119-11:2020 ISO/IEC TR	32
212	Health			32
214	Safety		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020	32
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	32

**OPTIONAL INFORMATION**

Name and Surname  Affiliation and Qualification  LinkedIn ... other

Observations

The data presented have a value for research and not a legal value.

### Article 060

**Specification**  
 Testing of high-risk AI system in real world conditions outside AI regulatory sandbox

**Relationship with Standard**  
 24029-1:2021 ISO/IEC TR-Assessment of L...; 24028:2020 ISO/IEC TR-Overview of tru...; 29119-11:2020 ISO/IEC TR-Guidelines on L... (Testing); 24028:2020 ISO/IEC TR-Overview of tru... (Personal data)

**Link**  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary**  
 Testing of high-risk AI systems in real world conditions outside AI regulatory sandboxes may be conducted by providers or prospective providers of high-risk AI systems (see Annex III)  
 The testing of high-risk AI systems shall be without prejudice to any ethical review

**Full text**   
 Testing of high-risk AI systems in real world conditions outside AI regulatory sandboxes  
 1. Testing of high-risk AI systems in real world conditions outside AI regulatory sandboxes may be conducted by providers or prospective providers of high-risk AI systems listed in Annex III, in accordance

Terms	Variant	Complementary	Standard	
196	Testing		24029-1:2021 ISO/IEC TR, 24028:2020 ISO/IEC TR, 29119-11:2020 ISO/IEC TR	31
287	Ethical review			31
288	Disability			31
271	Personal data		24028:2020 ISO/IEC TR	31

**OPTIONAL INFORMATION**

Name and Surname:  Affiliation and Qualification:  LinkedIn ... other:

Observations:

### Article 071

**Specification**  
 EU database fo high-risk AI systems listed in Annex III

**Relationship with Standard**  
 25024:2015 ISO/IEC-Measurement of ...; 5259-2:2024 ISO/IEC FDIS-Data quality me...; 25059:2023 ISO/IEC-Quality model f...; 25019:2023 ISO/IEC-Quality-in-use ...; 25012:2008 ISO/IEC-Data quality mo... (Accessibility); 25059:2023 ISO/IEC-Quality model f...; 5338:2023 ISO/IEC-AI System life ...; 24030:2024 ISO/IEC TR-Use cases...; 24028:2020 ISO/IEC TR-Overview of tru...; 6254 ISO/IEC CD TS-Objective and a...; 17847 ISO/IEC TS-Verification an...; 22443 ISO/IEC AWI TS-Guidance on add...; 21221 ISO/IEC WD-Beneficial AI s...; 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 25019:2023 ISO/IEC-Quality-in-use ...; 26514:2022 ISO/IEC/IEEE-Design and deve...; 21221 ISO/IEC WD-Beneficial AI s... (User); 24028:2020 ISO/IEC TR-Overview of tru... (Data)

**Link**  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

**Summary**  
 The Commission shall, in collaboration with the Member States, set up and maintain an EU database containing information referred to in paragraphs 2 and 3 of this Article concerning high-risk AI systems referred to in Article 6(2) which are registered in accordance with Articles 49 and 60 and AI systems that are not considered as high-risk AI systems.

**Full text**   
 EU database for high-risk AI systems listed in Annex III  
 1. The Commission shall, in collaboration with the Member States, set up and maintain an EU database containing information referred to in paragraphs 2 and 3 of this Article concerning high-risk AI systems referred

Terms	Variant	Complementary	Standard	
124	User		25019:2023 ISO/IEC, 26514:2022 ISO/IEC/IEEE, 21221 ISO/IEC WD	36
4	AI systems		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	36
260	Data		24028:2020 ISO/IEC TR	36
1	Accessibility		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25059:2023 ISO/IEC, 25019:2023 ISO/IEC	36

**OPTIONAL INFORMATION**

Name and Surname:  Affiliation and Qualification:  LinkedIn ... other:

Observations:

The data presented have a value for research and not a legal value.

Terms Variant Complementary Standard

Specification

### Article 072

Post-market monitoring by providers and post-market monitoring plan for high-risk AI systems

Relationship with Standard

25059:2023 ISO/IEC-Quality model f... 5338:2023 ISO/IEC-AI System life ... 24030:2024 ISO/IEC TR-Use cases... 24028:2020 ISO/IEC TR-Overview of tru... 6254 ISO/IEC CD TS-Objective and a... 17847 ISO/IEC TS-Verification an... 22443 ISO/IEC AWI TS-Guidance on add... 21221 ISO/IEC WD-Beneficial AI s... 25059-1 ISO/IEC AWI-Quality model f... (AI systems); 25019:2023 ISO/IEC-Quality-in-use ... (Post-market); 27000:2018 ISO/IEC-Information sec... (Documented information); 82079-1:2019 IEC/IEEE-IEC Part 1: pr... (Documentation)

Link

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689

Summary

Providers shall establish and document a post-market monitoring system in a manner that is proportionate to the nature of the AI technologies and the risks of the high-risk AI system.

Full text

Post-market monitoring by providers and post-market monitoring plan for high-risk AI systems  
1. Providers shall establish and document a post-market monitoring system in a manner that is proportionate to the nature of the AI technologies and the risks of the high-risk AI system.

Terms	Variant	Complementary	Standard	
100 Post-market			25019:2023 ISO/IEC	34
247 Documentation			82079-1:2019 IEC/IEEE	34
145 Documented information			27000:2018 ISO/IEC	34
4 AI systems			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR	34

#### OPTIONAL INFORMATION

Name and Surname

Affiliation and Qualification

Linkedin ... other

Observations

Specification

### Article 073

Reporting of serious incidents

Relationship with Standard

25010:2023 ISO/IEC-SQuaRE - Produc... 14971:2019 ISO Application of ... 5469:2024 ISO/IEC TR-TR Functional s... 24368:2022 ISO/IEC TR-Overview of eth... 24028:2020 ISO/IEC TR-Overview of tru... (Safety)

Link

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689

Summary

Providers of high-risk AI systems placed on the Union market shall report any serious incident to the market surveillance authorities of the Member States where that incident occurred

Full text

Reporting of serious incidents  
1. Providers of high-risk AI systems placed on the Union market shall report any serious incident to the market surveillance authorities of the Member States where that incident occurred.  
2. The report referred to in paragraph 1 shall be made

Terms Variant Complementary Standard

Terms	Variant	Complementary	Standard	
241 Incident				26
214 Safety			25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR	26

#### OPTIONAL INFORMATION

Name and Surname

Domenico Natale  
Affiliation and UNI CT 533 (member)  
Qualification UNI CT 504 (president)

Linkedin https://www.linkedin.com/in/domenico-natale-a9b99812/? ... other originalSubdomain=it

Observations

The data presented have a value for research and not a legal value.

## Article 074

Specification

Market surveillance and control of AI systems in the Union market

Relationship with

**Standard**

[25059:2023 ISO/IEC-Quality model f...](#), [5338:2023 ISO/IEC-AI System life ...](#), [24030:2024 ISO/IEC TR-Use cases...](#), [24028:2020 ISO/IEC TR-Overview of tru...](#), [6254 ISO/IEC CD TS-Objective and a...](#), [17847 ISO/IEC TS-Verification an...](#), [22443 ISO/IEC AWI TS-Guidance on add...](#), [21221 ISO/IEC WD-Beneficial AI s...](#), [25059-1 ISO/IEC AWI-Quality model f... \(AI systems\)](#); [25024:2015 ISO/IEC-Measurement of ...](#), [5259-2:2024 ISO/IEC FDIS-Data quality me...](#), [22989:2022 ISO/IEC-Artificial inte...](#), [24028:2020 ISO/IEC TR-Overview of tru... \(Validation\)](#); [8183:2023 ISO/IEC-Data life cycle...](#), [17847 ISO/IEC TS-Verification an... \(Verification and validation\)](#); [25019:2023 ISO/IEC-Quality-in-use ... \(Verification\)](#)

Link

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689>

Summary

Regulation (EU) 2019/1020 shall apply to AI systems covered by this Regulation. For the purposes of the effective enforcement of this Regulation:

(a) any reference to an economic operator under Regulation (EU) 2019/1020 shall be understood as including all operators identified in

Full text



Market surveillance and control of AI systems in the Union market

1. Regulation (EU) 2019/1020 shall apply to AI systems covered by this Regulation. For the purposes of the effective enforcement of this Regulation:

(a) any reference to an economic operator under

	Terms	Variant	Complementary	Standard	
294	Verification			25019:2023 ISO/IEC	35
76	Validation			25024:2015 ISO/IEC; 5259-2:2024 ISO/IEC FDIS; 22989:2022 ISO/IEC; 24028:2020 ISO/IEC TR	35
70	Testing data sets				35
4	AI systems			25059:2023 ISO/IEC; 5338:2023 ISO/IEC; 24030:2024 ISO/IEC TR; 24028:2020 ISO/IEC TR	35
110	Verification and validation			8183:2023 ISO/IEC; 17847 ISO/IEC TS	35

**OPTIONAL INFORMATION**

Name and Surname

Affiliation and Qualification

Linkedin ... other

Observations