New | AI ACT
Standard | AI Act | Mapping | Terminology
Article
UNINFO UNI
Technical Committee 533 AI
ai open mind | Hosting and developing

Article 003

ID 21

Specification *Definitions*

Relationship with Standard 25059, 5338, 24029-1, 22989

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

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

	Terms	Variant	Complementary	Standard	
194	Artificial intelligence			24029-1, 22989	21
4	AI systems			25059, 5338	21

Note

Article 008

ID 20

Specification *Compliance with the requirements*

Relationship with Standard 27000

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.

	Terms	Variant	Complementary	Standard	
147	Compliance with the requirements			27000	20

Note

ID 19 **Article 009**

Specification Risk management system

Relationship with Standard 24027, 5338, 42001, 5259-3, 23894, 27000, 27000, 5259-1, 27000, 27000, 27000

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.

	Terms	Variant	Complementary	Standard	
101	Risk management			42001, 5259-3, 23894, 27000	19
49	Lifecycle			24027, 5338	19
145	Documented information			27000	19
158	Risk evaluation			27000	19
154	Residual risk			27000	19
153	Measurement			5259-1, 27000	19

Note

ID 10 **Article 010**

Specification Data and data governance

Relationship with Standard 25059, 5259-2, 25024, 5259-2, 5259-1, 24027, 5259-2, 25024, 5259-2, 25024, 5259-2, 24029-1, 42001, 8183, 5259-5, 5259-1, 25019

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.

	Terms	Variant	Complementary	Standard	
74	Training, validation, testing datasets			25024, 5259-2, 24029-1	10
57	Quality criteria			25024, 5259-2	10
52	Origin of data	provenance		5259-2	10
13	Bias detection and correction			5259-2	10
53	Personal data are not to be transmitted,				10
111	Governance			8183, 5259-5	10
34	Design			24027	10
46	HR AI Systems				10
29	Data collection processes			5259-1	10
5	Annotation			25059	10
25	Consistency			25024, 5259-2	10
80	Cleaning			42001	10
102	Labelling				10
116	Data quality			5259-1, 25019	10

Note

ID 15 | **Article 015**

Specification | Accuracy, robustness and cybersecurity

Relationship with Standard | 25024, 5259-2, 5259-2, 24029-1, 24029-2, 5259-2, 22989, 5259-1, 24027, 5338, 25024, 42001, 27000, 5259-2, 25059, 25010, 22989

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...yhrought their lifecycle.

	Terms	Variant	Complementary	Standard	
47	Interaction with natural person or other				15
2	Accuracy			25024, 5259-2	15
65	Robustness achieved with redundancy,				15
29	Data collection processes			5259-1	15
50	Measurement and method			25024, 42001, 27000	15
46	HR AI Systems				15
13	Bias detection and correction			5259-2	15
49	Lifecycle			24027, 5338	15
48	Level declaration & instruction of use				15
66	Security			25059, 25010	15
41	Examination of biases, health and safety of				15
52	Origin of data			5259-2	15
67	Security and privacy, pseudonymisation				15
28	Data quality reporting			5259-2, 22989	15
50	Measurement and method			25024, 42001, 27000	15
18	Robusteness			24029-1, 24029-2	15
215	Cybersecurity			22989	15

Note

ID 17 | **Article 017**

Specification | Quality management system

Relationship with Standard | 25024, 5259-2, 25059, 25019, 25059, 5259-2, 25024, 5259-2, 25019, 5259-2, 5259-2, 8183, 5259-1, 5259-4, 24027, 24027, 5338, 42001, 42001, 42001, 25019, 42001, 5259-3, 23894, 27000

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.

	Terms	Variant	Complementary	Standard	
22	Data holder			5259-2	17
86	Leadership			42001	17
49	Lifecycle			24027, 5338	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, 5259-1, 5259-4	17
3	AI models			25059	17
80	Cleaning			42001	17
87	Planning			42001	17
21	Compliance			25024, 5259-2, 25019	17
24	Identifiability			5259-2	17
34	Design			24027	17
100	Post-market	Quaity in use		25019	17
1	Accessibility			25024, 5259-2, 25059, 25019	17
101	Risk management			42001, 5259-3, 23894, 27000	17
13	Bias detection and correction			5259-2	17

Note