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Article 001

Specification Subject matter

Relationship with Standard 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); 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..., 25059-1 ISO/IEC AWI-Quality model f... (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	%	Typology	Variant	Complementary	Standard
216 Human-centric		Articles			22
96 Trustworthy		Articles			22
194 Artificial intelligence		Articles		24029-1:2021 ISO/IEC TR, 22989:2022 ISO/IEC, 24030:2024 ISO/IEC TR, 38507:2022 ISO/IEC, 24028:2020 ISO/IEC TR	22
212 Health		Articles			22
214 Safety		Articles		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	22
209 Fundamental rights		Articles			22
217 Democracy		Articles			22
218 Environmental protection		Articles			22
220 Harmful effects		Articles			22
219 Innovation		Articles			22

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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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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	%	Typology	Variant	Complementary	Standard
222 Providers		Articles			23
223 Deployers		Articles			23
225 Located in the Union		Articles			23
224 Located in a third country with output used in the Union		Articles			23
226 Importers		Articles			23
227 Product manufacturers		Articles			23
228 Location		Articles			23
229 Products covered by Union harmonization legislation		Articles			23
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	23
255 Service		Articles		12182:2015 ISO/IEC TR, 25059-1 ISO/IEC AWI	23

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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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (AI systems); 27000:2018 ISO/IEC-Information sec... (Conformity); 24029-1:2021 ISO/IEC TR-Assessment of t..., 22989:2022 ISO/IEC-Artificial inte... 24039:2024 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	%	Typology	Variant	Complementary	Standard	
194 Artificial intelligence		Articles			24029-1:2021 ISO/IEC TR, 22989:2022 ISO/IEC, 24030:2024 ISO/IEC TR, 38507:2022 ISO/IEC, 24028:2020 ISO/IEC TR	21
4 AI systems		Articles			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	21
223 Deployers		Articles				21
226 Importers		Articles				21
144 Conformity		Articles		27000:2018 ISO/IEC		21
290 Biometric data		Articles			9868 ISO/IEC DIS	21

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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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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	%	Typology	Variant	Complementary	Standard	
222 Providers		Articles				24
223 Deployers		Articles				24
234 Literacy		Articles				24
231 Knowledge		Articles		22989:2022 ISO/IEC		24
134 Experience		Articles		25019:2023 ISO/IEC		24
232 Education		Articles				24
233 Training		Articles		24028:2020 ISO/IEC TR		24
4 AI systems		Articles			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	24
230 AI literacy		Articles				24

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Observations

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Article 005

Specification Prohibited AI Practices

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); 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	%	Typology	Variant	Complementary	Standard	
239 Market for medical or safety reasons		Articles			14971:2019 ISO	25
1 Accessibility		Articles			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25059:2023 ISO/IEC, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC	25
290 Biometric data		Articles			9868 ISO/IEC DIS	25
288 Disability		Articles				25
83 Aggregation		Articles				25

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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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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 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..., 25059-1 ISO/IEC AWI-Quality model f... (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	%	Typology	Variant	Complementary	Standard	
253 Classification		Articles	categorization		4213:2022 ISO/IEC TS, 4213-1 ISO/IEC AWI	29
4 AI systems		Articles			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	29
255 Service		Articles			12182:2015 ISO/IEC TR, 25059-1 ISO/IEC AWI	29
236 Products		Articles			23894:2023 ISO/IEC	29
212 Health		Articles				29
214 Safety		Articles			25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	29
209 Fundamental rights		Articles				29
256 Decision-making		Articles			38507:2022 ISO/IEC	29
101 Risk management		Articles			42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970 ISO/IEC AWI, 31000:2018 ISO, 25058:2024 ISO/IEC TS	29

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Observations

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Terms	%	Typology	Variant	Complementary	Standard
258 Use-cases		Articles		24030:2024 ISO/IEC TR, 21221 ISO/IEC WD	30
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 34038:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	30
212 Health		Articles			30
214 Safety		Articles		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	30
209 Fundamental rights		Articles			30
101 Risk management		Articles		42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 23894:2023 ISO/IEC, 21009:2018 ISO/IEC, 24970 ISO/IEC AWI, 31000:2018 ISO, 25058:2024 ISO/IEC TS	30
266 Autonomy		Articles		24028:2020 ISO/IEC TR, 8200:2024 ISO/IEC TS, 29119-11:2020 ISO/IEC TR	30
298 Benefit		Articles	beneficialness	21221 ISO/IEC WD	30
299 Beneficial		Articles		21221 ISO/IEC WD	30

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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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 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..., 25059-1 ISO/IEC AWI-Quality model f... (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 L... (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:

OPTIONAL INFORMATION

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Observations: _____

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

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

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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	%	Typology	Variant	Complementary	Standard
101 Risk management		Articles		43001:2023 ISO/IEC, 5359-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970 ISO/IEC AWI, 31000:2018 ISO, 25058:2024 ISO/IEC TS	19
49 Lifecycle		Articles		24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 5339:2024 ISO/IEC, 62304:2006 IEC	19
145 Documented information		Articles		27000:2018 ISO/IEC	19
158 Risk evaluation		Articles		27000:2018 ISO/IEC, 14971:2019 ISO	19
154 Residual risk		Articles		27000:2018 ISO/IEC, 14971:2019 ISO	19
153 Measurement		Articles		5259-1:2024 ISO/IEC, 27000:2018 ISO/IEC, 25059-1 ISO/IEC AWI, 4213-1 ISO/IEC AWI	19

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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); 5259-2:2024 ISO/IEC FDIS-Data quality me..., (Datasets); 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..., 5259-6:2024 CD TR-Visualization f..., (Data quality); 25024:2015 ISO/IEC-Measurement of ..., 4250

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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	%	Typology	Variant	Complementary	Standard
74 Training, validation, testing datasets		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24029-1:2021 ISO/IEC TR	10
57 Quality criteria		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS	10
52 Origin of data		Articles	provenance	5259-2:2024 ISO/IEC FDIS	10
13 Bias detection and correction		Articles		5259-2:2024 ISO/IEC FDIS	10
53 Personal data are not to be transmitted, transferred or		Articles			10
111 Governance		Articles		8183:2023 ISO/IEC, 5259-5:2024 ISO/IEC FDIS, 38500:2024 ISO/IEC, 38507:2022 ISO/IEC	10
34 Design		Articles		24027:2021 ISO/IEC TR, 23894:2023 ISO/IEC, 82079-1:2019 IEC/IEEE, 26514:2022 ISO/IEC/IEEE	10
46 HR AI Systems		Articles			10
29 Data collection processes		Articles		5259-1:2024 ISO/IEC, 31010:2019 IEC	10
5 Annotation		Articles		25059:2023 ISO/IEC	10
25 Consistency		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25012:2008 ISO/IEC, 24028:2020 ISO/IEC TR	10
80 Cleaning		Articles		42001:2023 ISO/IEC	10
102 Labelling		Articles			10
116 Data quality		Articles		5259-1:2024 ISO/IEC, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC, 8000-1:2022 ISO, 5259-6:2024 CD TR	10
19 Complete		Articles		25012:2008 ISO/IEC	10
83 Aggregation		Articles			10
33 Data-preparation processing		Articles			10
82 Enrichment		Articles			10

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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

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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	%	Typology	Variant	Complementary	Standard	
145 Documented information		Articles		27000:2018 ISO/IEC		28
246 Technical documentation		Articles		82079-1:2019 IEC/IEEE		28

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); 25024:2015 ISO/IEC-Measurement of ... 5259-2:2024 ISO/IEC FDIS-Data quality me... 24028:2020 ISO/IEC TR-Overview of tru... 25223:2024 ISO/IEC AWI TS-Guidance and re... 5259-6:2024 CD TR-Visualization f... (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	%	Typology	Variant	Complementary	Standard	
245 Logging		Articles		24970 ISO/IEC AWI		27
73 Traceability		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24970 ISO/IEC AWI, 25012:2008 ISO/IEC		27
101 Risk management		Articles		42001:2023 ISO/IEC, 5259-3:2024 ISO/IEC, 23894:2023 ISO/IEC, 27000:2018 ISO/IEC, 24970 ISO/IEC AWI, 31000:2018 ISO, 25058:2024 ISO/IEC TS		27
302 Logs		Articles				27
260 Data		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24028:2020 ISO/IEC TR, 25223:2024 ISO/IEC AWI TS, 5259-6:2024 CD TR		27
306 Input data		Articles				27

OPTIONAL INFORMATION

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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 t... (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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (AI systems); 25059:2023 ISO/IEC-Quality model f..., 24029-1:2021 ISO/IEC TR-Assessment of t..., 24029-2:2023 ISO/IEC-Assessment of t... (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-TR Functional s..., 24028:2020 ISO/IEC TR-Overview of tru..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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 t... (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	%	Typology	Variant	Complementary	Standard
243 Transparency		Articles		25059:2023 ISO/IEC, 5469:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25223:2024 ISO/IEC AWI TS	37
268 Information		Articles		24028:2020 ISO/IEC TR, 26514:2022 ISO/IEC IEEE	37
223 Deployers		Articles			37
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 34038:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	37
2 Accuracy		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25012:2008 ISO/IEC, 29119-11:2020 ISO/IEC TR	37
18 Robustness		Articles		25059:2023 ISO/IEC, 24029-1:2021 ISO/IEC TR, 24029-2:2023 ISO/IEC	37
215 Cybersecurity		Articles		22989:2022 ISO/IEC	37
285 Metrics		Articles		29119-11:2020 ISO/IEC TR	37
103 Datasets		Articles		5259-2:2024 ISO/IEC FDIS	37
70 Testing data sets		Articles			37
76 Validation		Articles		25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 22989:2022 ISO/IEC, 24028:2020 ISO/IEC TR	37
302 Logs		Articles			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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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..., 25059-1 ISO/IEC AWI-Quality model f... (Safety); 8200:2024 ISO/IEC TS-Controllability... (Controller)

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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	%	Typology	Variant	Complementary	Standard
114 Context of use		Articles			33
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	33
212 Health		Articles			33
214 Safety		Articles		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	33
278 Controller		Articles		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 t..., 24029-2:2023 ISO/IEC-Assessment of t... (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-SQuaREC - 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	%	Typology	Variant	Complementary	Standard	
47 Interaction with natural person or other systems		Articles				15
2 Accuracy		Articles		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, backup of fail-safe		Articles				15
29 Data collection processes		Articles		5259-1:2024 ISO/IEC, 31010:2019 IEC		15
50 Measurement and method		Articles		25024:2015 ISO/IEC, 42001:2023 ISO/IEC, 27000:2018 ISO/IEC		15
46 HR AI Systems		Articles				15
13 Bias detection and correction		Articles		5259-2:2024 ISO/IEC FDIS		15
49 Lifecycle		Articles		24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC AWI TS, 5339:2024 ISO/IEC AWI TS, 17847 ISO/IEC TS, 22443 ISO/IEC		15
48 Level declaration & instruction of use		Articles				15
66 Security		Articles		25059:2023 ISO/IEC, 23010:2023 ISO/IEC, 24028:2020 ISO/IEC TR, 9868 ISO/IEC DIS		15
41 Examination of biases, health and safety of persons		Articles				15
52 Origin of data		Articles		5259-2:2024 ISO/IEC FDIS		15
67 Security and privacy, pseudonymisation		Articles				15
28 Data quality reporting		Articles		5259-2:2024 ISO/IEC FDIS, 22989:2022 ISO/IEC		15
50 Measurement and method		Articles		25024:2015 ISO/IEC, 42001:2023 ISO/IEC, 27000:2018 ISO/IEC		15
18 Robustness		Articles		25059:2023 ISO/IEC, 24029-1:2021 ISO/IEC TR, 24029-2:2023 ISO/IEC		15
215 Cybersecurity		Articles		22989:2022 ISO/IEC		15
45 How to measure, metrology		Articles				15

OPTIONAL INFORMATION

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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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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	%	Typology	Variant	Complementary	Standard	
222 Providers		Articles				38
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS		38
247 Documentation		Articles		82079-1:2019 IEC/IEEE		38
289 Quality management		Articles				38
305 Contact		Articles				38
144 Conformity		Articles		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...; 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	%	Typology	Variant	Complementary	Standard	
22 Data holder		Articles			5259-2:2024 ISO/IEC FDIS	17
86 Leadership		Articles			42001:2023 ISO/IEC, 23894:2023 ISO/IEC	17
49 Lifecycle		Articles			24027:2021 ISO/IEC TR, 5338:2023 ISO/IEC, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 5339:2024 ISO/IEC, 62304:2006 IEC	17
58 Re-use of the personal data		Articles	Quality control			17
71 The personal data in the special categories of personal data are		Articles				17
84 Assessment datasets		Articles				17
30 Data life cycle		Articles			8183:2023 ISO/IEC, 5259-1:2024 ISO/IEC, 5259-2:2024 ISO/IEC	17
3 AI models		Articles			25059:2023 ISO/IEC, 25059-1 ISO/IEC AWI	17
80 Cleaning		Articles			42001:2023 ISO/IEC	17
87 Planning		Articles			42001:2023 ISO/IEC	17
21 Compliance		Articles			23024:2018 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC	17
24 Identifiability		Articles			5259-2:2024 ISO/IEC FDIS	17
34 Design		Articles			24027:2021 ISO/IEC TR, 23894:2023 ISO/IEC, 82079-1:2019 IEC/IEEE, 26514:2022 ISO/IEC/IEEE	17
100 Post-market		Articles	Quality in use		25019:2023 ISO/IEC	17
1 Accessibility		Articles			23024:2018 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25059:2023 ISO/IEC, 25019:2023 ISO/IEC, 25012:2008 ISO/IEC	17
101 Risk management		Articles			42001:2023 ISO/IEC, 5259-2:2024 ISO/IEC, 23894:2023 ISO/IEC, 27009:2018 ISO/IEC, 24970 ISO/IEC AWI, 31000:2018 ISO, 25058:2024 ISO/IEC TS	17
13 Bias detection and correction		Articles			5259-2:2024 ISO/IEC FDIS	17
273 Accountability		Articles			42001:2023 ISO/IEC, 5339:2024 ISO/IEC	17

OPTIONAL INFORMATION

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

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 019

Specification Automatically generated logs

Relationship with Standard 82079-1:2019 IEC/IEEE-IEC Part 1: pri... (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	%	Typology	Variant	Complementary	Standard
302 Logs		Articles			40
271 Personal data		Articles		24028:2020 ISO/IEC TR	40
307 Protection of personal data		Articles			40
247 Documentation		Articles		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...; 25223:2024 ISO/IEC AWI TS-Guidance and re... (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 I...; 9868 ISO/IEC DIS-Biometric Ident... (Management); 25010:2023 ISO/IEC-SQuaRE-Product...; 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...; 25059-1 ISO/IEC AWI-Quality model f... (Safety); 82079-1:2019 IEC/IEEE-IEC Part 1: pri... (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	%	Typology	Variant	Complementary	Standard
170 Management		Articles		5259-3:2024 ISO/IEC, 14971:2019 ISO, 38500:2024 ISO/IEC, 9868 ISO/IEC DIS	32
289 Quality management		Articles			32
246 Technical documentation		Articles		82079-1:2019 IEC/IEEE	32
144 Conformity		Articles		27000:2018 ISO/IEC	32
286 Assessment		Articles		4213:2022 ISO/IEC TS, 29119-11:2020 ISO/IEC TR	32
212 Health		Articles			32
214 Safety		Articles		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	32
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	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-risks (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	%	Typology	Variant	Complementary	Standard
196 Testing		Articles			24029-1:2021 ISO/IEC TR, 24028:2020 ISO/IEC TR, 29119-11:2020 ISO/IEC TR 31
287 Ethical review		Articles			31
288 Disability		Articles			31
271 Personal data		Articles		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... 25223:2024 ISO/IEC AWI TS-Guidance and re... (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); 25024:2015 ISO/IEC-Measurement of ... 5259-2:2024 ISO/IEC FDIS-Data quality me... 24028:2020 ISO/IEC TR-Overview of tru... 25223:2024 ISO/IEC AWI TS-Guidance and re... 5259-6:2024 CD TR-Visualization f... (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-

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	%	Typology	Variant	Complementary	Standard	
124 User		Articles			25019:2023 ISO/IEC, 26514:2022 ISO/IEC/IEEE, 21221 ISO/IEC WD 36	
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 24028:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	36	
260 Data		Articles			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 24028:2020 ISO/IEC TR, 25223:2024 ISO/IEC AWI TS, 2659-6:2024 CD TR	36
1 Accessibility		Articles			25024:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 25059:2023 ISO/IEC, 25019:2023 ISO/IEC, 26012:2008 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.

Article 072

Specification 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.... 25223:2024 ISO/IEC AWI TS-Guidance and re... (AI systems); 25019:2023 ISO/IEC-Quality-m-use ... (Post-market); 27000:2018 ISO/IEC-Information sec... (Documented information); 82079 -1:2019 IEC/IEEE-IEC Part 1; pri... (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	%	Typology	Variant	Complementary	Standard
100 Post-market		Articles		25019:2023 ISO/IEC	34
247 Documentation		Articles		62079-1:2019 IEC/IEEE	34
145 Documented information		Articles		27000:2018 ISO/IEC	34
4 AI systems		Articles		25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 34038:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	34

OPTIONAL INFORMATION

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

Observations: _____

Article 073

Specification 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...; 25059-1 ISO/IEC AWI-Quality model f... (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 yserious 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	%	Typology	Variant	Complementary	Standard
241 Incident		Articles			26
214 Safety		Articles		25010:2023 ISO/IEC, 14971:2019 ISO, 5469:2024 ISO/IEC TR, 24368:2022 ISO/IEC TR, 24028:2020 ISO/IEC TR, 25059-1 ISO/IEC AWI	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](https://www.linkedin.com/in/domenico-natale-a9b99812/?...)

Observations: _____

The data presented here 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..., 25223:2024 ISO/IEC AWI TS-Guidance and re... (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	%	Typology	Variant	Complementary	Standard	
294 Verification		Articles			25019:2023 ISO/IEC	SS
76 Validation		Articles			23624:2015 ISO/IEC, 5259-2:2024 ISO/IEC FDIS, 22989:2022 ISO/IEC, 24028:2020 ISO/IEC TR	SS
70 Testing data sets		Articles				SS
4 AI systems		Articles			25059:2023 ISO/IEC, 5338:2023 ISO/IEC, 24030:2024 ISO/IEC TR, 34038:2020 ISO/IEC TR, 6254 ISO/IEC CD TS, 17847 ISO/IEC TS, 22443 ISO/IEC AWI TS, 21221 ISO/IEC WD, 25059-1 ISO/IEC AWI, 25223:2024 ISO/IEC AWI TS	SS
110 Verification and validation		Articles			8183:2023 ISO/IEC, 17847 ISO/IEC TS	SS

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification LinkedIn other

Observations