

Identity and Purpose Checklist

Configuration Management (CM)

- Has the applicant applied all configuration management principles to the AI/ML constituent life-cycle data? (Yes/No)
 - ☐ Identification of configuration items
 - ☐ Versioning
 - ☐ Baselining
 - ☐ Change control
 - ☐ Reproducibility
 - ☐ Problem reporting
 - ☐ Archiving and retrieval
 - ☐ Retention period

Quality and Process Assurance (QA)

- Has the applicant ensured that quality/process assurance principles are applied to the development of the AI-based system? (Yes/No)
 - ☐ Independence level: [Insert specific level]

Reuse of AI/ML Models

- Has the applicant considered the replacement or modification of a previously developed AI/ML constituent or ML model? (Yes/No)
- Has the applicant incorporated already trained ML models (open source models or COTS ML models) in their design of an AI/ML constituent? (Yes/No)
- Has the applicant adapted OD and/or ODD to reuse the ML model? (Yes/No)
- Is data quality ensured when reusing an ML model? (Yes/No)
- Are open problem reports managed for changes made to the reused ML model? (Yes/No)
- Is development explainability maintained when reusing an ML model? (Yes/No)
- Is scalability considered when reusing an ML model? (Yes/No)

Note: This checklist is generated based on the provided text and may not cover all possible scenarios or requirements.