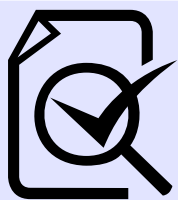


Production and development in automotive

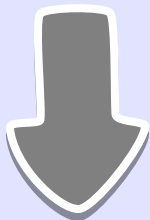
Required standards and their objectives



- ISO 26262 - Parts 2, 3

Risk assessment - project preparation

- Classify product (ASIL)
- Develop a safety concept
- Plan the project according to ASIL



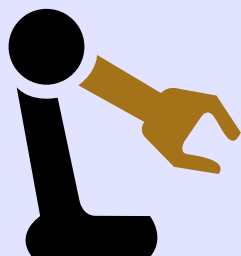
Mandatory for all electronics & software



- ISO 26262 - Parts 4 - 6 (design, development, production)
- Automotive SPICE (SW development & testing)
- ISO 9001 / IATF 16949

Development of an element / part Design of processes and technologies

- Process requirements of the standard
- Product and activity documentation
- Documentation for future audit
- Project and safety management
- Systematically manage all steps



- ISO 26262 – Parts 7,8
- Automotive SPICE
- IATF 16949

Production Permanent control of production

- Consistent production quality
- Permanent checking and documenting
- Communication of all non-conformities
- Supplier qualification assessment
- (not applicable to standard components)



- ISO 26262 – Parts 2, 7, 8

Service and support in operation

- Safety even in unforeseeable circumstances
- Compliance with all functional and resilience requirements
- Proven history
... including design and development history



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www.iso26262.cz



We help you meet standards ISO 26262, ASPICE, Formel Q, VDA 6.3, ...

Advise



- Define the project
- Set up project processes
- Set team competencies
- How to perform the duties

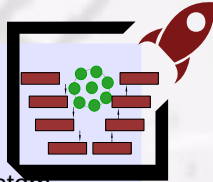
Train

Mandatory qualification



- ISO 26262
- Automotive SPICE
- Processes required in projects
- SysML - language
- System analysis modelling
- AyMINE - management tool

Help in the project



- Create a quality management system
(processes, outputs, cooperation)
- Review in projects
(for software, quality management)
- HW reliability evaluation
- Internal project quality manager
(including presentation to customer)

Assessment

Independent assessment of compliance
(mandatory for all suppliers)

- Your project
- By your suppliers
(Compliance by your suppliers is
your responsibility)

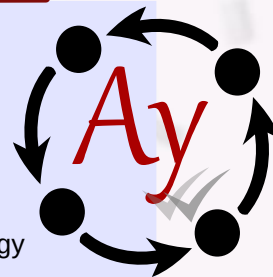


Replaces
certification

Automate

System support for projects
(required by standards)

- **Comply standards** - continuous compliance check
- **Workflow** - activity management linked to methodology
- **Traceability** -
interdependence of requirements, system model, tests,
product documentation
- **Evidences** - documentation of all project activities and
responsibilities
- **Configuration Management** - documentation management
- **Testing** - preparation, implementation and documentation of tests



Your AyMINE supplier

pdqm

