

1-Q SCHACHT & KOLLEGEN QUALITÄTSKONSTRUKTION GMBH

ISO 26262:2011

Liste der Work Products aus der Norm



Schacht & Kollegen
Qualitätskonstruktion GmbH



1. Work Products in der ISO 26262:2011

1.1 Legende

26262-ID: Unter dieser Nummer ist das Work Product in der Norm zu finden. Beispiele:

2-5.5.1: Teil 2 der Norm – Paragraph 5.5.1

2-T1: Teil 2 der Norm – Tabelle 1

FuSi-No: Diese Nummer ist eine von uns selber geschaffene Nomenklatur zur eindeutigen Identifizierung der einzelnen Work Products. Sie ist nicht in der Norm zu finden und erhebt auch keinerlei Anspruch auf Vollständigkeit und Richtigkeit. Für uns war sie aber immer eine hervorragende Orientierung im Dschungel der ganzen Vorgaben. Dabei haben wir uns an folgende Vereinbarungen gehalten:

- NULL an der letzten Stelle: Dieses Work Product hat eine eindeutige ID in der Norm.
- EINS an der letzten Stelle: Specification, Verification Review and Review Report for the <<Work Product above>>
- FÜNF an der letzten Stelle: Durch i-Q zusätzlich aufgenommenes Work Product, wir sind der festen Überzeugung, dass es sehr viel Sinn macht, diese Work Product ebenfalls zu betrachten.
- SECHS an der letzten Stelle: Specification, Verification Review and Review Report for the <<Work Product above>>, welches zusätzlich aufgenommen wurde

Alles weitere dann in unseren Veranstaltungen ☺!

1.2 Liste

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
ISO-26262:2011, part 1 - Vocabulary		
		no relevant work products to create
ISO-26262:2011, part 2 - Management of Functional Safety		
	FuSi-0005	Liste aller Work Products (diese Datei / Liste)
2-5.5.1	FuSi-0010	Organization-specific rules and processes for Functional Safety
2-T1	FuSi-0015	Functional Safety Audit
	FuSi-0016	Specification, Verification Review and Review Report for the Functional Safety Audit
2-5.5.2	FuSi-0020	Evidence of Competence

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
2-5.5.3	FuSi-0030	Evidence of Quality Management
2-6.5.1	FuSi-0040	Safety Plan
2-T1	FuSi-0041	Specification, Verification Review and Review Report for the Safety Plan Review
2-6.5.2	FuSi-0050	Project Plan - Part Safety (refined)
2-6.5.3	FuSi-0060	Safety Case (draft)
2-T1	FuSi-0061	Specification, Verification Review and Review Report for the Safety Case Review
2-6.5.4	FuSi-0070	Functional Safety Assessment Plan
2-T1	FuSi-0071	Specification, Verification Review and Review Report for the Functional Safety Assessment
2-6.5.5	FuSi-0080	Confirmation Measure Reports
2-7.5	FuSi-0090	Evidence of Field Monitoring
ISO-26262:2011, part 3 - Concept Phase		
3-5.5	FuSi-0100	Item Definition
3-6.5.1	FuSi-0110	Impact Analysis
3-7.5.1	FuSi-0120	Hazard Analysis and Risk Assessment (HARA)
2-T1	FuSi-0121	Verification Review of the Hazard Analysis and Risk Assessment of the item [Confirmation Review]
3-7.5.2	FuSi-0130	Safety Goals
3-7.5.3	FuSi-0140	Verification Review Report of the Hazard Analysis and Risk Assessment and the Safety Goals
	FuSi-0141	Specification, Verification Review and Review Report for the HARA and Safety Goals Review
3-8.5.1	FuSi-0150	Functional Safety Concept (FSC)
3-8.5.2	FuSi-0160	Verification Report of the Functional Safety Concept
	FuSi-0161	Specification, Verification Review and Review Report for the Functional Safety Concept Review
ISO-26262:2011, part 4 - System Level		
4-5.5.3	FuSi-0170	Item Integration and Testing Plan
2-T1	FuSi-0171	Specification, Verification Review and Review Report for the Item Integration and Testing Plan Review
4-5.5.4	FuSi-0180	[OEM] Validation Plan
2-T1	FuSi-0181	Specification, Verification Review and Review Report for the Validation Plan Review
4-6.5.1	FuSi-0190	Technical Safety Requirements Specification
4-TD1	FuSi-0191	Specification, Verification Review and Review Report for the Technical Safety Requirements Specification Review

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
4-6.5.2	FuSi-0200	System Verification Report
	FuSi-0205	Signalmatrix
4-7.5.1	FuSi-0210	Technical Safety Concept (TSC)
	FuSi-0211	Specification, Verification Review and Review Report for the Technical Safety Concept
4-7.5.2	FuSi-0220	System Design Specification_Blockbilder
	FuSi-0221	Specification, Verification Review and Review Report for the System Design Specification
4-7.5.3	FuSi-0230	Hardware-Software Interface Specification (HSI)
	FuSi-0231	Specification, Verification Review and Review Report for the HSI
4-7.5.4	FuSi-0240	Specification of requirements for production, operation, service and decommissioning
4-7.5.6	FuSi-0250	Safety Analysis Reports (resulting from requirement 4-7.4.3)
4-T1	FuSi-0255	System-FMEA
	FuSi-0256	System-FMEA Review Report
4-8.5.2	FuSi-0260	Integration Testing Specification(s)
4-8.5.3	FuSi-0270	Integration Testing Report(s)
4-9.5.2	FuSi-0280	[OEM] Validation Report (resulting from requirements 4-9.4.3 to 9.4.4)
4-10.5.1	FuSi-0290	Functional Safety Assessment Report (resulting from requirements 10.4.1 and 10.4.2)
4-11.5.1	FuSi-0300	Release for Production Report (resulting from requirements 11.4.1 and 11.4.2)
ISO-26262:2011, part 5 - Hardware Level		
5-6.5.1	FuSi-0310	Hardware Safety Requirements Specification (including test and qualification criteria)
	FuSi-0311	Specification, Verification Review and Review Report for the Hardware Safety Requirements Specification
5-6.5.3	FuSi-0320	Hardware Safety Requirements Verification Report
5-7.5.1	FuSi-0330	Hardware Design Specification [inkl. Schaltplan]
	FuSi-0331	Specification, Verification Review and Review Report for the Hardware Design Specification
5-7.5.2	FuSi-0340	Hardware Safety Analysis Report
5-T2	FuSi-0345	HW-FMEDA
	FuSi-0346	HW-FMEDA Review Report
5-7.5.3	FuSi-0350	Hardware Design Verification Report
5-7.5.4	FuSi-0360	Specification of requirements related to production, operation, service and decommissioning

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
5-8.5.1	FuSi-0370	Analysis of the effectiveness of the architecture of the item to cope with the random hardware failures
	FuSi-0371	Specification, Verification Review and Review Report for the Analysis of the effectiveness of the architecture of the item to cope with the random hardware failures
5-8.5.2	FuSi-0380	Review Report of evaluation of the effectiveness of the architecture of the item to cope with the random hardware failures
5-9.5.1	FuSi-0390	Analysis of Safety Goal violations due to random hardware failures
	FuSi-0391	Specification, Verification Review and Review Report for the Analysis of Safety Goal violations due to random hardware failures
5-9.5.2	FuSi-0400	Specification of dedicated measures for hardware
5-9.5.3	FuSi-0410	Review Report of evaluation of Safety Goal violations due to random hardware failures
5-T2	FuSi-0415	HW-FTA
	FuSi-0416	HW-FTA Review Report
5-10.5	FuSi-0420	Hardware Integration and Testing Report
ISO-26262:2011, part 6 - Software Level		
6-5.5.2	FuSi-0430	Software Verification Plan
6-5.5.3	FuSi-0440	Design and Coding Guidelines for modelling and programming languages
6-5.5.4	FuSi-0450	Tool Application Guidelines
6-6.5.1	FuSi-0460	Software Safety Requirements Specification
2-TD1	FuSi-0461	Specification, Verification Review and Review Report for the Software Safety Requirements Specification
6-6.5.4	FuSi-0470	Software Verification Report
6-7.5.1	FuSi-0480	Software Architectural Design Specification
	FuSi-0481	Specification, Verification Review and Review Report for the Software Architectural Design Specification
6-7.5.5	FuSi-0490	Dependent Failures Analysis Report
6-8.5.1	FuSi-0500	Software Unit Design Specification
6-8.5.2	FuSi-0510	Software Unit Implementation
	FuSi-0511	Specification, Verification Review and Review Report for the Software Unit Design Specification and Implementation
6-9.5.2	FuSi-0520	Software Verification Specification
6-10.5.3	FuSi-0530	Embedded Software
6-C.5.1	FuSi-0540	Configuration Data Specification

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
	FuSi-0541	Specification, Verification Review and Review Report for the Configuration Data Specification
6-C.5.2	FuSi-0550	Calibration Data Specification
	FuSi-0551	Specification, Verification Review and Review Report for the Calibration Data Specification
6-C.5.4	FuSi-0560	Configuration Data
6-C.5.5	FuSi-0570	Calibration Data
6-C.5.7	FuSi-0580	Verification Specification
	FuSi-0581	Specification, Verification Review and Review Report for the Verification Specification
6-C.5.8	FuSi-0590	Verification Report
ISO-26262:2011, part 7 - Production and Operation		
7-5.5.1	FuSi-0600	Safety-related Content of the Production Plan
7-5.5.2	FuSi-0610	Safety-related Content of the Production Control Plan
7-5.5.3	FuSi-0620	Control Measures Report
7-5.5.4	FuSi-0630	Specification of Requirements on the producibility at system, hardware or software development level
7-5.5.5	FuSi-0640	Assessment Report for capability of the production process
7-6.5.1	FuSi-0650	Safety-related Content of the Maintenance Plan
7-6.5.2	FuSi-0660	Repair Instructions
7-6.5.3	FuSi-0670	Safety-related Content of the information made available to the user
7-6.5.4	FuSi-0680	Instructions regarding Field Observations
7-6.5.5	FuSi-0690	Safety-related Content of the Instructions for Decommissioning
7-6.5.6	FuSi-0700	Specification of Requirements relating to operation, service and decommissioning at system, hardware or software development level
ISO-26262:2011, part 8 - Supporting Processes		
8-5.5.1	FuSi-0710	Supplier Selection Report
8-5.5.2	FuSi-0720	Development Interface Agreement (DIA)
8-5.5.3	FuSi-0730	Supplier's Project Plan
8-5.5.4	FuSi-0740	Supplier's Safety Plan
8-5.5.6	FuSi-0750	Supply Agreement
8-7.5.1	FuSi-0760	Configuration Management Plan
8-8.5.1	FuSi-0770	Change Management Plan
8-8.5.2	FuSi-0780	Change Request
8-8.5.3	FuSi-0790	Impact Analysis and Change Request Plan

26262-ID	FuSi-No	Work Product-Name according ISO 26262:2011
8-8.5.4	FuSi-0800	Change Report
8-9.5.1	FuSi-0810	Verification Plan
	FuSi-0815	Mechanik-FMEA
	FuSi-0816	Mechanik-FMEA Review
8-10.5.1	FuSi-0820	Documentation Management Plan
8-10.5.2	FuSi-0830	Documentation Guideline Requirements
8-11.5.1	FuSi-0840	Software Tool Criteria Evaluation Report
8-11.5.2	FuSi-0850	Software Tool Qualification Report
2-T1	FuSi-0851	Specification, Verification Review and Review Report for the Software Tool Criteria Evaluation Report and the Software Tool Qualification Report
8-12.5.1	FuSi-0860	Software Component Documentation
	FuSi-0861	Specification, Verification Review and Review Report for the Software Component Documentation
8-12.5.2	FuSi-0870	Software Component Qualification Report
8-13.5.1	FuSi-0880	Hardware Component Qualification Plan
8-13.5.2	FuSi-0890	Hardware Component Test Plan (Test Specification)
	FuSi-0891	Specification, Verification Review and Review Report for the Qualification Plan and Test Plan
8-13.5.3	FuSi-0900	(Hardware Component) Qualification Report
8-14.5.2	FuSi-0910	Description of Candidate for Proven in Use Argument
8-14.5.3	FuSi-0920	Proven in Use Analysis Reports
2-T1	FuSi-0921	Specification, Verification Review and Review Report of the Proven in Use Arguments
ISO-26262:2011, part 9 - ASIL		
9-5.5.1	FuSi-0930	Update of Architectural Information
9-5.5.2	FuSi-0940	Update of ASIL as attribute of Safety Requirements and Elements
9-6.5.1	FuSi-0950	Update of ASIL as attribute of Sub-Elements of Elements
9-7.5.1	FuSi-0960	Analysis of Dependent Failures
9-8.5.1	FuSi-0970	Safety Analyses
2-T1	FuSi-0971	Specification, Verification Review and Review Report for the Safety Analyses
ISO-26262:2011, part 10 - Guideline		
	no relevant Work Products to create	

2. Kontakt

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