



FSH-DOCUMENTATION

PROFILE · TECHNICAL DOCUMENTATION

Sascha Falk Heinzmann

Technical Writer · Document Control · CE · Risk
Assessment

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**15+ years' experience**

TECHNICAL DOCUMENTATION · CE · RISK ASSESSMENT

Technical documentation for clear processes, reliable evidence and robust decisions.

Experienced technical writer and document manager with more than 15 years' experience in mechanical engineering, plant engineering, automation, CE documentation and IT-related documentation processes. Focus: structured, standards-compliant technical documentation, DMS/CDE structures, review and approval processes, and AI-supported document checking.

15+

years' experience

10,000+documents reviewed in one
project**DMS/CDE**structures, reviews,
approvals**AI**checking and process
automation**KEY AREAS**

- Technical documentation and document control
- DMS/CDE structuring, migration and review workflows
- AI-supported document checking, software/tool development and process automation
- Documentation processes related to CE, PED and German operational safety regulations
- Supplier documentation, change management and approval management

LANGUAGES

- German - native language
- English - good knowledge
- Russian - good active knowledge
- Ukrainian - basic knowledge

STANDARDS AND DIRECTIVES

- DIN EN ISO 82079-1, ISO 20607, VGB-S-831
- PED 2014/68/EU, German BetrSichV, CE conformity
- ISO/IEC-compliant IT and operations documentation
- HAZOP, SIL and SAFE data in risk assessment and documentation structures

SOFTWARE AND TOOLS

- tpCDE, PIRS, COI-DMS, Thinkproject, OneLink
- SCHEMA ST4, Cosima, Adobe FrameMaker
- OpenAI API, n8n, Python, BPMN, Confluence, Jira
- Microsoft Office, Excel, Word, SharePoint, SAP/R3



SELECTED PROJECTS

Documentation, Review Processes and Handover

Focus on auditable documentation structures, review workflows and usable project control.

2026 - present

Abbott, Hanover - Document Control, Document Management and Software Support

- Project-related document control in a regulated industrial and MedTech-related environment
- Structuring, tracking and maintaining technical project documentation through defined review and approval paths
- Support for filing, version and status logic to enable transparent handovers and reliable evidence
- Supplementary software/tool development to simplify recurring documentation and control processes

Note: Details are confidential due to the project context; further explanation available on request.

02/2024 - 05/2026

ASML - Semiconductor Manufacturing / High-tech Production

- Creation, maintenance and optimisation of technical documentation for production processes in cleanroom environments
- Creation and adjustment of recipes to support reliable semiconductor production processes
- Coordination of technical content with engineering, production and specialist departments
- Assessment of changes for documentation impact and transfer into existing documentation processes
- Standardisation of documents and content for better internal usability
- Use of Excel, SAP, SharePoint, Jira and Word for maintenance, coordination and provision

Value added: higher process reliability, faster approvals, fewer queries and consistent content.

11/2025 - 04/2026

ARGE SuedLink Lot 5 / TransnetBW - Document Management

- Document control in the major SuedLink infrastructure project, HVDC underground cable, Lot 5
- Checking documentation for completeness, consistency, revision status and formal project requirements
- Controlling review and approval processes with project management, departments and external parties
- Revision and change management with versioning, traceability and approval status
- Operational work in Thinkproject and OneLink for document filing, reviews and handovers

Value added: less rework, greater transparency and auditable project documentation.



SELECTED PROJECTS

Maintenance Planning, Consulting and Innovation

07/2025 - 12/2025

Energy Supplier (DE) - DMS Introduction, Documentation Update and AI Tool Integration

- Review, classification and transfer of more than 10,000 technical documents into the COI-DMS
- Revision of operating instructions and adaptation to the new plant status in the coal-to-CCGT power plant conversion
- Use of the KKS system for clear assignment and linking of technical components
- Integration of supplier documentation, restructuring of legacy documents and handover to operations
- Development of AI-based workflows for validating supplier documentation
- Integration of PIRS and tpCDE interfaces for consistent versioning

Tools: COI, PIRS, tpCDE, KKS, AI-based document checking.

2025

Documentation Controller / Maintenance Planning

- Review, classification and versioning of project documentation in PIRS
- Identification of maintenance activities based on manufacturer documents, operating data and revision states
- Completion of project- and plant-specific maintenance plan templates with intervals, activities and evidence
- Control of distribution, returns, reviews and archiving with clear metadata and KKS reference
- Review/approval workflow based on the four-eyes principle, version locks and distribution lists
- Status reporting on completeness, due dates and open items for project management and operations

Addition: O&M, inspection and service plans relevant to maintenance marked visibly for operations.

03/2024

Technology Company (AT) - Senior Technical Documentation Consultant

- Workshop to prepare the introduction of ST4 and accelerate content creation
- Review and assessment of existing technical documentation with structured action requirements
- Safeguarding standards and CE requirements for audit-compliant preparation
- Development of a multilingual DE/EN workflow to reduce translation effort and costs
- Recording relevant interfaces to design, purchasing and service

Target state: structured, faster and auditable technical writing.



FURTHER PROJECTS

MedTech, Innovation, Defence and IT-related Documentation

approx. 08/2023 -
11/2023

Abbott, Hamburg - Technical Documentation for Laboratory Products / Sample Logistics

- Technical description and documentation of laboratory products in a MedTech environment
- Documentation of an automated conveyor system for urine and blood samples
- Preparation of technical processes for understandable, verifiable and usable documentation
- Coordination of technical content with specialist departments, considering regulated product and process requirements

Focus: laboratory automation, sample logistics, technical product and process description.

2023

ZEISS Innovation Think Tank - Strategic Consulting for Technical Documentation

- Development of a scalable framework for automated documentation in microchip production
- Contribution to a concept for AI-supported documentation processes under live production conditions
- Moderation of international stakeholder workshops in DE/NL on standards, feasibility and interfaces
- Proof of concept for a modular, cross-system documentation architecture as a basis for decisions

Context: innovation budget in the seven-figure range.

2024

Noske-Kaeser (Defence) - Technical Documentation Specialist

- Participation in a classified project in military shipbuilding
- Responsibility for defined parts of the technical system documentation
- Implementation in line with defence-specific standards and confidentiality requirements

Note: project duration anonymised due to the project context.

03/2023 - 07/2023

DMK Group - Documentation Consultant for Network Infrastructure

- Documentation of company-wide network infrastructure based on an ISO/IEC-oriented structure
- Creation of clearly structured operating and maintenance instructions
- Collaboration with IT, operations and service to produce practicable content
- Development of a standardised change and review process

Focus: IT infrastructure, operations, service and consistent documentation processes.



PROFESSIONAL EXPERIENCE

Roles with a Technical Foundation

2024 - present**Technical Writer & Documentation Specialist**

FSH-Documentation UG (haftungsbeschränkt) · Teltow

- Technical documentation, document control and process structuring in industrial, energy and high-tech projects
- Current project in a regulated environment: document control, document management and project-related software/tool development
- Development and integration of AI-supported checking and validation workflows for technical documents
- DMS/CDE structures, review and approval processes, metadata and version logic

10/2020 - 10/2023**Technical Writer**

Hoffmann-Group · Munich

- Introduction of a uniform editorial process for 12 product lines with approx. 25% time savings
- Support for CE processes and standardisation of product texts and editorial guidelines
- Introduction of SCHEMA ST4 and structured editorial working methods

01/2020 - 07/2020**Technical Writer**

HAYS AG · German Federal Printing Office project

- Technical documentation for the production of passports, identity cards and residence permits
- Documentation tasks in the digital image creation project

07/2017 - 12/2019**Technical Writer / Project Responsibility**

LJU Automatisierungstechnik · Potsdam

- Technical documentation in the field of automation technology
- Project responsibility for documentation scopes at automotive manufacturers

10/2014 - 01/2016**Technical Writer**

TÜV Rheinland Personal

- Development of modular plant documentation according to PED and VGB standards
- Description of hot-water boilers, steam boilers and water treatment plants according to the Pressure Equipment Directive
- Training authors and structuring technical content

11/2010 - 09/2014**Technical Writer**

Scriptfora GmbH & Co. KG · Stuttgart

- Technical writer at MWM in Mannheim in the mechanical engineering sector
- Technical writer at MAN in Munich in the vehicle engineering sector

02/2008 - 04/2009**Technical Project Management Clerk**

technology doc GmbH & Co. KG

- Warranty and goodwill administration at Mercedes-Benz in Berlin
- Logistics, procurement and reporting for prototype parts at Mercedes-AMG in Affalterbach



EDUCATION · CERTIFICATES · ENGAGEMENT

Qualifications and Reliable Practical Experience

EDUCATION

11/2016 - 08/2017**Further training as a Technical Writer**

WBS and tekomp Deutschland e. V. - Society for Technical Communication

02/1998 - 02/1999**Master Motor Vehicle Technician**

Chamber of Crafts Potsdam/Cottbus

09/1989 - 07/1991**Training as Motor Vehicle Mechanic (IHK)**

IFA Automobilwerke, Ludwigsfelde

FURTHER TRAINING AND ENGAGEMENT

2017**tekomp Certification in Technical Communication**

Professional association for technical writers in Germany

n.d.**SAP Supply Chain Management SAP/R3**

Certification by SAP

2016 - 2019**Team Manager, Men's U19 National Team**

Men's U19 World Championship in Sweden, Växjö 2017; U19/Group B vice world champion

2015 - 2019**Coach, Bundesliga Team BAT-Berlin (now Berlin Rockets)**

BAT 2nd Bundesliga, BAT 1st Bundesliga; cup runner-up 2016/2017 season

on request**Project-related References**

References can be provided on a project-related basis.

Contact

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