
Profile Claudia Fehrenbach



Name: **Fehrenbach (birth name: Kilcher)**

Forename: **Claudia**

Qualification: **Dipl.-Ing.(FH) Mechanical Engineering (Graduate Engineer),
Project Manager (IHK)**

Focus: **(Multi-) Project Management
Process Planning / Process Optimization**

Date of birth: 08. June 1971

Nationality: German

Willing to travel: world-wide

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Range of Services:

Consulting and Support in the field of (Multi-) Project Management:

- Clarification of technical requirements with customer / supplier
- Analysing of project risks
- Product-FMEA (Failure Mode and Effects Analysis)
- Utility analysis and repayment calculation
- Preparation of technical specifications (functional requirements, performance specification ...)
- Project structure planning (cost, timeline, resource and milestone planning)
- Definition of work packages
- Leadership of the project team
- Organisation and moderation of kick-off workshops and project meetings
- Supply management
- Crisis management, troubleshooting
- Claim management
- Coordination of commissioning
- Coordination of final acceptance
- Organisation of shipment
- Project controlling
- Project presentation, preparation of status reports and milestone trend analyses
- Project evaluation (lessons learned, project performance figure)
- ...

Consulting and Support in the field of Process Planning / Process Optimization:

- Process analysis
- Planning / optimization of production processes
- Preparation of process- FMEA (Failure Mode and Effects Analysis)
- Facility planning and layout preparation
- Qualification / validation of production processes
- Start-up management (Ramp-up)
- Cycle time analysis
- Consulting / support on CIP (Continuous Improvement Process)
- ...

Project Experiences (self-employed):

Sector: Medical Technology Industry

Project: Consulting and support of project management during Hardware- and process development for implementation of new CMF (Cranio-Maxillo-Facial) implant products in serial production

Tasks: Concept studies for product and process development, analysing of project risks and definition of measures, cost / timeline / resource planning, definition of milestones, organisation of prototype production, preparation of specifications, initiation of required tests and studies for product and process validation, evaluation and implementation of new production technologies, coordination and realization of the transfer of new product designs from development into production process, process-FMEA (APIS), ...

Sector: Automotive Supply Industry

Project: Multi-project management on different testing facility projects for the development of car- / truck-clutches, dual mass flywheels, release systems as well as E-mobility-products

Tasks: Clarification of technical requirements with customer / user (development department), development of concepts for new testing facilities together with experts of the different divisions of testing department, analysing of project risks, definition of actions, cost / timeline / resource planning (Planisware), definition of milestones, leadership of the project team, project controlling, interface coordination between different specialist divisions, organization of built-up and commissioning of the test systems, organization of the documentation, final acceptance of the test systems with the customer, organization of dispatch, project conclusion – evaluation of the project (lessons learned), generation of project performance figures, ...

Sector: Aircraft Supply Industry

Project: Transport devices for aircraft engine

Tasks: CAD-concept design (Unigraphics), basic engineering, calculation of manufacturing costs, technical clarification with suppliers, interface coordination between the departments of technical planning, purchasing and production, ...

Sector: **Machine Industry**

Project: development of a 5-axis-dental-milling-machine

Tasks: CAD-design (Solid Works) and optimization on customer demands

Occupations (as employee):

- since 10/2008: Self-employed
- 07/2005 - 09/2008 Project Manager at LuK GmbH & Co. oHG in Bühl, Germany
- 07/2000 - 06/2005 Project Manager at Firma HIWIN GmbH in Offenburg, Germany
- 09/1998 - 06/2000 Project Engineer at FUCHS Systemtechnik GmbH
in Legelshurst, Germany
- 07/1994 - 09/1994 Draftswoman at FUCHS Systemtechnik GmbH
in Legelshurst, Germany (until start of studies)

Experiences (as employee):

At LuK GmbH & Co.oHG in Bühl:

- Basic engineering, CAD-design and project management at testing facility projects for international customers (clarification of customer requirements, developing concepts, preparation of requirement specifications, CAD-design, cost, capacity, timeline, resource planning, interface coordination, preparation of operating instructions, approval with the customer, ...)
- Multi-project management (coordination and planning of different, simultaneous projects)
- Crisis management, troubleshooting
- Estimation and evaluation of project risks
- Calculation and creation of offers
- Technical and commercial clarifications with suppliers and customers
- Leadership of project teams, interface management, supply management
- Creation and administration of project documentation
- Creation and implementation of tools for standardization of project procedures: templates for checklists (Excel), requirement specifications (Word) and project monitoring (MS-Project)
- Collaboration on annual budget planning for the testing department

At HIWIN GmbH in Offenburg:

- Project leadership for implementation, program adjustments and administration of the ERP-systems INFOR in the of sales, design, production, warehousing, accounting and shipping departments
- Implementation and programming of a variant generator for linear technology product groups with the ERP-system INFOR
- Creation of enquiry programs (Excel, Access) for statistic evaluations
- Process optimization and interface coordination in order processing

- Technical responsibility for the product groups linear guideways as well as toothed rack guides
- Customer specific product dimensioning and life-cycle calculations
- Product presentation and training for employees and customers
- Technical customer consulting at trade fairs
- Project leadership in customer specific system projects from creation of offers until dispatch

At FUCHS Systemtechnik GmbH in Legelshurst:

- Development and CAD-design of assembly groups in the sector of electric arc furnace technology as member of a project team
- Creation of technical calculations, dimensioning, documentations and specifications
- Creation of technical calculation programmes (Software: Excel)
- Capacity- and resource planning in major projects of electric arc furnace facilities for international customers (Denmark, Sweden)
- Coordination of commissioning at customers site
- Collaboration on implementation of the EDM-system CADIM