

► Safety Design



Your need

When designing new machines or retrofitting existing machines, it is best to integrate safe design right from the initiation of a project.

Technical measures addressing hazards to achieve acceptable risk levels can be implemented with minimum impact on machine complexity, cost and productivity, if considered at an early stage.

What we do

With decades of experience in design techniques, standards and technologies required to achieve safety, our engineers will implement a structured design process to achieve results including:

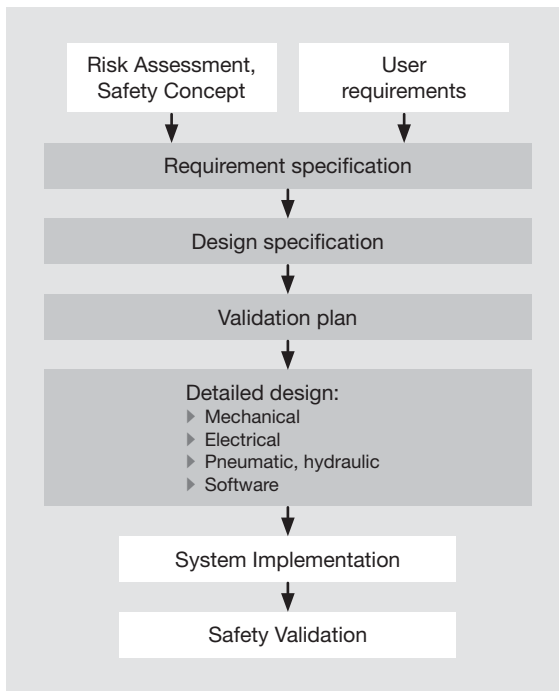
- ▶ Safety requirements specification
- ▶ Allocation of safety measures to identified hazards
- ▶ Determination of integrity and performance levels
- ▶ Detailed mechanical, electrical, electronic, software and control system design
- ▶ Component selection
- ▶ Consideration of design reviews and safety validation

*Keep up to date
with Safety Services:*

 Webcode 0427

*Online information
at www.pilz.com*

Safety Design in the machinery safety lifecycle



Optimum results are achieved when a structured process is used at design stage to interpret the requirements, generate detailed designs and plan the following stages of System Implementation and Safety Validation.

Your benefit

Our structured approach will save you time and money while ensuring safety is achieved with compliance to relevant standards.

When choosing us as your safety design partner you can trust on our reputation, the accredita-

tion of our design systems to internationally recognised standards including IEC 61508.

Pilz GmbH & Co. KG operates an independent inspection body in accordance with DIN EN ISO/IEC 17020:2004 for the plant and machinery sector, accredited by the German Accreditation Body (DAkkS).



Related services

- ▶ Plant Assessment
- ▶ Risk Assessment
- ▶ Safety Concept
- ▶ System Implementation
- ▶ Safety Validation
- ▶ CE Marking
- ▶ International Compliance Services

To discuss with Pilz contact

