



► Safety Concept



Your need

When deploying increasingly complex and hazardous new machines and upgrading existing machines for more demanding applications, the right Safety Concept, which considers the interaction of machine operators, maintenance personnel and other workers with machines, is critical.



What we do

Based on Risk Assessment, engineering solutions are proposed to achieve safety through mechanical, electrical and other measures following best industry practice national in accordance with international standards.

We work in close cooperation with our customers to refine the implementation costs, worker interaction with machinery, operational effectiveness and maintenance requirements.

Customer story

“Pilz has been of great assistance to us in identifying and providing practical solutions to some complex technical problems.”

Richard Hamilton,
National OH&S Manager, Bostik, Australia



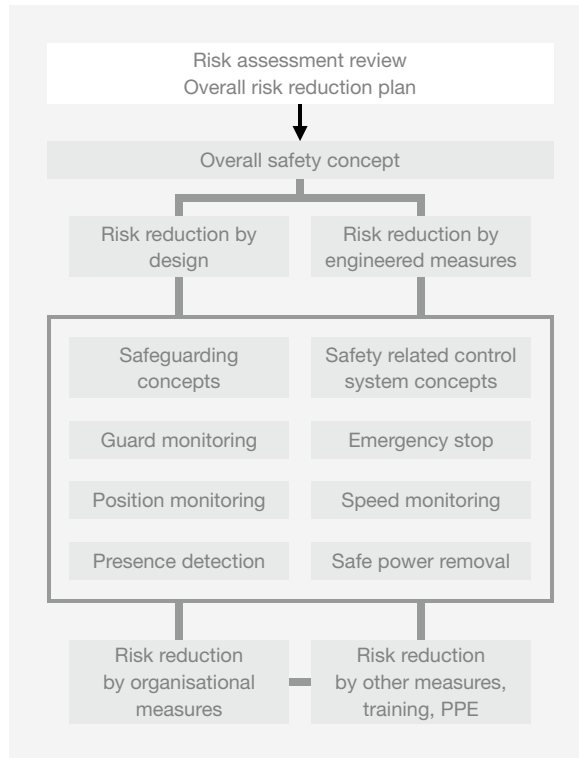
Safety Concept – the process within the machinery lifecycle

On completion of a Risk Assessment Pilz will conduct a review of the machine system, identify areas of improvement and suggest concepts required to achieve compliance and safety. This review will facilitate compliance with relevant standards identified as applicable by our safety experts.

Issues considered will include:

- ▶ Use of fixed and movable guards
- ▶ Implementation of line and machine safety related control system
- ▶ Means for safe removal of electrical pressurised fluid power and other applicable energy sources
- ▶ Detection of workers in hazardous areas

Intelligent solutions will be created to ensure safety can be achieved without sacrificing overall plant and machinery effectiveness.



Your benefit

Early consideration of best industry practise and innovative engineering measures will reduce risks and operating costs, while addressing compliance with legal and regulatory requirements.

Our practical engineering experience of integrating safety with other disciplines assures compliance and safety while minimising complexity and costs.

Pilz GmbH & Co. KG, Ostfildern operates an independent inspection body in accordance with ISO 17020 for the plant and machinery sector, accredited by the German Accreditation Body (DAkKS).

Related services

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

Keep up to date with Safety Services:

Webcode 0427

Online information at www.pilz.com



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