



Plant Assessment

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safe automation

"Quickscan" image – understand the safety status of your equipment

Your projects belong in safe hands.



▶ Consulting, Engineering and Training

Why is safety important?

Industrial safety is an area with a complex framework of standards and regulations, compliance with which is a legal requirement for many companies worldwide. Management ultimately takes responsibility for implementing safety procedures within the company. Failure to comply with the regulations is an offence that is punishable by withdrawal of machines from service, fines or even imprisonment. The stark figure of 350 000 fatal work accidents per year worldwide highlights the need to ensure machinery is safe (Source: ILO).

The Safety Challenge – understand your equipment

Identifying and analysing the hazards associated with machinery is the first step to realising safe machines. In today's demanding industrial environment managers have to try to stay informed of the current legislative framework whilst applying this knowledge to the machinery.

The ability to demonstrate the risks and control measures related to each machine is a legal necessity and it is a manager's responsibility to ensure that suitable safety documentation exists for each machine.

For example, machine documentation could contain:

- ▶ Identification and analysis of machine hazards
- ▶ The available machine safety devices
- ▶ Safety Concerns
- ▶ Control measures used
- ▶ Conclusions and recommendations on safety

Understanding the current safety status of your equipment and being able to demonstrate this is critical in the safety process.

What can Pilz do for you?

Pilz Services provides training, engineering and consulting solutions to help managers meet their machinery safety problems. Working in conjunction with the customer, Pilz can supply safety advice and documentation that can be used for compliance checks and machinery safety strategies.

All Pilz personnel involved in providing these services are subject to competence assessments and are continually updated on the current and future safety legislation and principles.

Through organisation and close consultation with Pilz you can fulfil your current machinery safety needs and stay compliant.

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▶ Plant Assessment

Plant Assessment provides your organisation with a simplified analysis of all equipment. The assessment gives a “snapshot” image of the current safety status of a machine, highlights the safety issues, evaluates the control measures and check the available safety devices. An outline safety strategy is given as a recommendation to help you to maintain a safe machine.

The machine report provided can be used in the demonstration of machine compliance. The report comments on:

- ▶ The Integrity of the safety system
- ▶ Operator training and procedures
- ▶ Warning indicators
- ▶ Safety concerns
- ▶ And provides suggestions on guarding, control systems and other additional safety measures

The plant assessment report can be extended to provide a recommended priority listing of your machines. This allows you to quickly see the status of each machine and prioritise which machines require more consideration. This gives a useful insight when planning capital expenditure.

The documentation provided is designed to give an uncomplicated view of the machine and can be used by many people to gain broad knowledge of the safety status of the equipment. Would you like more information? Please contact us. Contact addresses are on the next page.



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