

EUCHNER SAFETY SERVICES



Risk assessment

The Machinery Directive 2006/42/EC requires implementation of the CE conformity assessment process when a new machine is designed or important functions of an existing machine are converted or modified. The core of this process is the risk assessment, which provides a systematic and complete evaluation of all the machine's hazards. The procedure and evaluation criteria comply with the EN ISO 12100 standard. The process begins with a detailed description of the machine, its use and its limits. A list of standards applicable to the machine and its use and a list of available documents are then compiled. All danger zones in the machine are listed and then undergo a standardized evaluation process. Measures are defined for each danger zone to decrease the risk at this location to an unavoidable residual risk.

Advantages for the customer

- ▶ Independent, experienced specialists evaluate the machine's safety aspects
- ▶ The risk assessment method is standardized internationally and has proven its worth in practice

- ▶ All evaluations are performed using the latest laws and standards
- ▶ Standardized procedures and documents ensure a uniform quality of development

Services for the customer

The results of the risk assessment are documented and presented to the customer in a final report, which includes:

- ▶ A description of the machine, its use and limits
- ▶ A list of applicable standards and an overview of the machine documentation
- ▶ A risk assessment for the individual machine life cycles: a list of the danger zones with risk evaluation and suitable risk reduction measure.

You will find more detailed information about our services at www.euchner.com