

Phase 0: Risk Assessment

Determining the measures required for risk reduction

AUTOMATION

Product information
8055_en_02

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The requirements of the Machinery Directive are binding and its implementation is legally prescribed. You must take this into account when planning, designing, constructing, modifying, complementing or introducing machines onto the market.

In accordance with Appendix I of the Machinery Directive, you as the person responsible for machines must ensure that a risk assessment is performed.

As part of this mandatory risk assessment, all possible hazards associated with the machine must be individually identified and documented. The risks must be assessed separately and the measures for risk reduction must be described.

Finally, it is important to assess whether the envisaged measures are sufficient for risk reduction or whether these actually create new hazards.

User benefits

By relying on our certified safety experts for support during risk assessment, you can be sure that you are always complying with the latest requirements of directives and standards.

This means:

- A basis for adhering to legal requirements
- Time savings during implementation
- A structured procedure which complies with directives
- Documentation specifications or standardized documentation templates
- A basis for further steps during machine planning

Description of performance

Depending on your requirements, we can provide support for planning the risk assessment of your machine.

We offer competent and comprehensive advice for implementing the requirements of the Machinery Directive, ensuring that your machine meets all basic health and safety requirements.

We will also show you how to formulate the required processes to ensure that the risk assessment is taken into account as early as the planning and design of your machine and is incorporated into further procedures.

You will receive information on which harmonized standards can be referenced when performing the risk assessment, along with the significance of these standards.

We will also be happy to offer on-site support for your machine experts and designers during the risk assessment.

The guide for this moderation is a standardized documentation template which contains all of the necessary steps.

All measures defined with your experts are included in this document. The moderation of the risk assessment consists of the following steps:

- Determination of machine limits
- Identification of hazards
- Assessment and evaluation of risks
- Determination of measures for risk reduction

The risk assessment should accompany the design phase of your machine. It may make sense, however, to request our support for risk assessment at a later time.

This may be the case, for example, if you wish to make major modifications to your machine.

Duration

The duration of our services depends on your requirements. We discuss your machine experts' previous experiences to agree on the time required for your individual case. This may be a general consultation lasting half a day or may involve intensive consultation or process support over a number of days.

For large-scale projects we are also happy to provide support for a longer period.

Costs

We will be happy to prepare a non-binding quote for you.

To request this, speak to your personal sales partner directly or contact our headquarters in Blomberg.

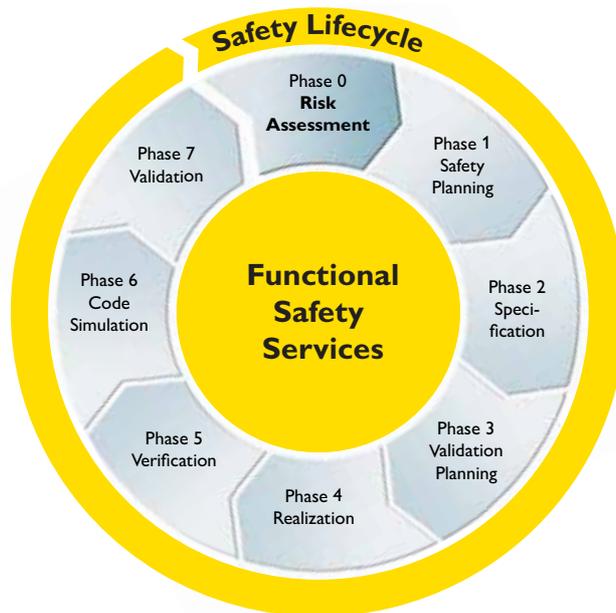
Do you want to expand your in-house expertise?

The following training will help you with risk assessment:

Safety Lifecycle P0-P1	Order No. 2700790
MRL/Machinery Directive	Order No. 2700510
Safety Technology Basics	Order No. 2850821

By offering you custom-made training tailored precisely to your needs, we can impart the specific knowledge you need for your safety environment.

The following may also be of interest to you when it comes to the safety lifecycle of your application:



Do you want to find out quickly whether you are on the right track to achieving functional safety? Then simply use our functional safety app check! By using a checklist, you can find out interactively whether you meet the essential requirements of the Machinery Directive. Simply search for the term *Safety* in the App Store.