

# EMC and LVD Moderation

Order No. 9074537

Presentation regarding risk analysis and assessment in accordance with the Low Voltage Directive and EMC Directive



## 1 Description

The revised editions of the EMC Directive (electromagnetic compatibility) and the Low Voltage Directive came into force on April 20, 2016. One of the main innovations is that it is now explicitly required that a risk analysis and assessment is carried out and documented. We will provide you with a comprehensive overview of the processes and methods required in order to carry out the risk analysis and assessment with respect to electrical hazards and hazardous EMI influences. Furthermore, we will explain the legal context.

Aspects relevant for this topic have been prepared in detail in the form of a template document. Further, this template also includes examples of typical hazards and corresponding risk-reducing measures. During presentation, the Phoenix Contact expert will explain how to use the specific documentation templates. He/she will explain what needs to be recorded in the relevant document and the order in which this should be done. The verification documents completed by you are used as the basis for CE marking in compliance with the directives. Contents regarding your application can be discussed and documented specifically during presentation.

## 2 Result

You will be provided with a practice-oriented template to perform risk analyses and assessments, and you will know the necessary process steps, activities, and information according to the directives and standards that are required in order to achieve the functional safety of machinery. Thanks to the complete nature of the verification documentation, where all important aspects are taken into consideration, you will be able to prove that you have complied with the duty of care set out for the design and construction of electrical equipment. This therefore provides you with a sound basis for maximum legal certainty.

## 3 Documentation

Microsoft Office template library for proof of risk analysis and assessment in accordance with the legal and normative specifications

#### **4 Duration and costs**

Four hours at a fixed price

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.

#### **5 Requirements**

- Basic knowledge of the EMC Directive (2014/30/EU) and Low Voltage Directive (2014/35/EU)
- The designers of the electrical equipment participate in the presentation session
- A suitable venue is available for holding the presentation that includes a projection screen
- Microsoft Office for subsequent further processing of the documents created during provision of the service

#### **6 Further information**

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