

Personnel, equipment and process safety with electronic systems

Guidance information

[Information within brackets in this document refers to local regulations]

This version has been revised and differs from the previous issue in that the risk category concept, according to EN 954-1 in Section 4: Risk Assessment, has been omitted.

For risk assessments of safety critical process plants, please refer to the instructions which are set out in SSG 2240 and SSG 2241 in accordance with EN 61511: Functional safety - Safety instrumented systems for the process industry sector .

For risk assessments in the industrial automation area, please refer to EN 62061: Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems; and to

EN ISO 13849-1, Safety of machinery - Control systems - Safety-related parts of control systems. Please refer to Section 4: Risk Assessment as well.

Safety of machinery - Electrical equipment of machines, please refer to EN 60204-1.

In addition, there has been a review of current directives/laws, regulations and standards.

In the appendix to the standard, you will find a number of examples of safety-related functions.

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