



TECHNICAL REPORT



Safety of machinery – Part 2: Examples of application

INTERNATIONAL
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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references	7
3 Terms, definitions and abbreviated terms	7
3.1 Terms and definitions.....	7
3.2 Abbreviated terms.....	8
4 Applications for mobile robots.....	8
4.1 General.....	8
4.2 SRSS on mail transport mobile robot	9
4.2.1 Intended use.....	9
4.2.2 SRSS performance class determination	10
4.2.3 SRS limits of use and SRSS function.....	10
4.2.4 Safety-related requirements.....	11
4.2.5 Object classes and physical properties	12
4.2.6 Sensing zones	13
4.2.7 Dependability under environmental influences	15
4.2.8 Safety-related information.....	16
4.2.9 Verification and validation.....	17
4.2.10 Information for use of the SRSS	18
4.3 SRSS on cleaning mobile robot.....	19
4.3.1 Intended use.....	19
4.3.2 SRSS performance class determination	20
4.3.3 SRS limits of use and SRSS function.....	20
4.3.4 Safety-related requirements.....	21
4.3.5 Object classes and physical properties	22
4.3.6 Sensing zones	23
4.3.7 Dependability under environmental influences	24
4.3.8 Safety-related information.....	24
4.3.9 Verification and validation.....	25
4.3.10 Information for use of the SRSS	26
5 Application for container handling equipment for harbour logistics	27
5.1 General.....	27
5.2 SRSS for CHE	28
5.2.1 Intended use.....	28
5.2.2 SRS limits of use and SRSS function.....	29
5.2.3 SRSS performance class determination	30
5.2.4 Safety-related requirements.....	31
5.2.5 Object classes and physical properties	31
5.2.6 Sensing zones	32
5.2.7 Dependability under environmental influences	34
5.2.8 Safety-related information.....	34
5.2.9 SRSS performance class after fusion.....	34
5.2.10 Verification and validation.....	34
5.2.11 Information for use of the SRSS	35
Bibliography.....	37

Figure 1 – Outdoor scene	8
Figure 2 – Mobile robot with 2 distinctive safety-related zones	10
Figure 3 – Combination of three SRSs into an SRSS and SRSS functions	11
Figure 4 – Mounting positions and sensing zones of the SRS and safety-related zones of SRSS	14
Figure 5 – Mounting positions and sensing zones of the SRS and safety-related zones of SRSS	14
Figure 6 – Examples of measurement data for evaluation of coverage interval	17
Figure 7 – Test setup	18
Figure 8 – CHE application	28
Figure 9 – Operation areas of CHE	29
Figure 10 – SRSS structure and safety-related functions	30
Figure 11 – Safety-related zones of SRSS	32
Figure 12 – Mounting positions and sensing zones of the SRS, and safety-related zones of the SRSS	33
Table 1 – Safety-related requirements	12
Table 2 – Example of confidence information for SRS	17
Table 3 – Information for use of the SRSS	19
Table 4 – Safety-related requirements	22
Table 5 – Information for use of the SRSS	27
Table 6 – Safety-related requirements	31
Table 7 – Environmental limits of SRSS	34
Table 8 – Information for use of the SRSS	36

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF MACHINERY –

Part 2: Examples of application

FOREWORD

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IEC TR 62998-2, which is a Technical Report, has been prepared by IEC technical committee TC 44: Safety of machinery – Electrotechnical aspects.

The text of this Technical Report is based on the following documents:

Enquiry draft	Report on voting
44/849/DTR	44/865A/RVDTR

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This document is to be used in conjunction with IEC TS 62998-1:2019.

A list of all parts in the IEC 62998 series, published under the general title *Safety of machinery*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

reconfirmed,

withdrawn,

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amended.

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INTRODUCTION

Safety-related sensors are applied to machinery presenting a risk of personal injury. They provide protection by causing the machine to revert to a safe condition before a person can be placed in a hazardous situation.

IEC TS 62998-1:2019 is intended for use by safety-related sensor manufacturers and integrators of safety-related sensors for the design of safety-related sensor systems used for the protection of persons.

This document gives guidance for manufacturers and integrators on the application of IEC TS 62998-1:2019.

SAFETY OF MACHINERY –

Part 2: Examples of application

1 Scope

This document establishes guidance for the application of IEC TS 62998-1:2019.

It provides examples of:

- application for which SRS/SRSS are relevant,
- use of SRS/SRSS information from an application point of view,
- fusion of SRS into SRSS for given applications, and
- appropriate information for use for given applications.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC TS 62998-1:2019, *Safety of machinery – Safety-related sensors used for protection of persons*