

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

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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*