

1 CONCERNING THIS DOCUMENT

1.1 Function

This document represents the operating instructions for the I.S. 1 remote I/O system of R. STAHL company.

You will find information relating to:

- System set-up and function
- Components of the system
- Fitting
- Installation
- Connecting the cables
- Commissioning
- Maintenance during operation
- Error messages and servicing
- System expansions
- System planning

OPERATING INSTRUCTIONS FOR THE I.S. 1 SYSTEM

1.2 Target groups

The individual chapters in this document are aimed at personnel with different tasks and qualifications:

Target groups and qualifications	Chapter
All personnel Knowledge of current safety guidelines in the workplace	Chapter 1 Chapter 2
All personnel Basic knowledge of signal processing in Remote I/O Bus systems	All chapters specified above and Chapter 3 Chapter 4
Planning personnel Knowledge of the structure of the plant and about the suitable locations for assembly	All chapters specified above and Chapter 5 Chapter 12
Assembly technicians and electricians	All chapters specified above and Chapter 6 Chapter 7 Chapter 13
Commissioning personnel	All chapters specified above and Chapter 8 Chapter 9
Servicing personnel	All chapters specified above and Chapter 8 Chapter 9 Chapter 10 Chapter 11 Chapter 12

Tab. 1-1 Assignment of target groups and chapters



1.3 Level of information

The document contains all information regarding the components of the I.S. 1 system, including assembly, installation, commissioning, servicing and maintenance.

The document is aimed at personnel who are familiar with the installation of control systems in hazardous locations.

Further information

Further information can be obtained from:

- The R. STAHL branches in the respective countries (see Annex for Sales Office addresses)
- Training in the field of explosion protection at R. STAHL
- The R. STAHL Hotline Tel. +49 (0) 7942/943-123

R. STAHL address


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1.4 Symbols used

Some information in this document is specially marked to facilitate rapid access to the information.

	This symbol indicates background information.
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Only explosion protected, special equipment may be used in hazardous locations within a plant.


	This symbol indicates information regarding explosion protection.
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1.5 Warning instructions used

Warning instruction

It is necessary, in many areas of explosion protection, to have warnings about dangers.

This document includes a warning instruction:

 Warning	WARNING! A warning instruction is displayed here! A warning instruction warns about injuries and severe damage to the plant. ➤ Warning instructions must be carefully read and complied with.
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