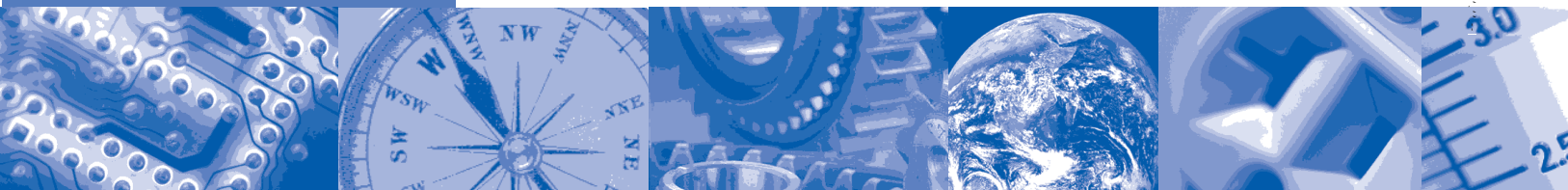


ISA-RP92.06.02-1999



Installation, Operation, and Maintenance of Chlorine Detection Instruments (0.5-30 ppm Full Scale)



ISA—The Instrumentation,
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1 Scope

1.1 This Recommended Practice applies to all chlorine gas-detection instruments that satisfy the performance requirements in ISA-S92.06.01.

1.2 Reference Clause 3 of ISA-S92.06.01 for definitions of terms as used herein.

1.3 References useful in the installation, operation, and maintenance of chlorine gas-detection instruments are listed in Annex C. These references are not considered to be part of this document, except for those specific sections of documents referenced elsewhere in this Recommended Practice.

2 Purpose

ISA-RP92.06.02 establishes user criteria for the installation, operation, and maintenance of chlorine gas-detection instruments.

Its companion standard, ISA-S92.06.01, "Performance Requirements for Chlorine Detection Instruments," has been prepared to provide minimum requirements for the performance of chlorine gas-detection instruments.

3 General requirements

To assure that the instrument is suitable for the application and is compatible with its operating environment:

- a) the user should provide the potential supplier with detailed information on the conditions that exist in the area(s) in which the instrument is to be used;
- b) the instrument must meet the requirements of the applicable regulating agency having jurisdiction; and
- c) the instrument must be compatible with the environmental conditions, e.g., relative humidity, temperature, atmospheric contaminants, etc., in which the instrument is to operate. A typical "Environmental and Application Checklist" is included as Annex A and is intended to aid users in properly specifying requirements for their specific applications.

4 Unpacking

4.1 Unpack the shipping carton(s) and determine whether the order is complete "as received." Check for main assembly, accessories, spare parts, and instruction manual. Understanding the manufacturer's instruction manual is of vital importance to the future operation and maintenance of the chlorine gas-detection instrument.

4.2 In the event of shipment damage, or for purposes of future correspondence, record the following:

- a) user's purchase-order number and manufacturer's order number, and their respective dates;
- b) carrier waybill number and date received in case of transit claim; and
- c) instrument serial number and user identification (ID) number, if assigned.

5 Storage

5.1 When storing chlorine gas-detection instruments, leave them in their original containers or provide suitable protective covers.