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Second edition
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Safety devices for protection against excessive pressure —

Part 5: Controlled safety pressure relief systems (CSPRS)

*Dispositifs de sécurité pour protection contre les pressions excessives —
Partie 5: Dispositifs de sécurité asservis (CSPRS)*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols and units	7
5 Design	7
5.1 General	7
5.2 Valve end connections	9
5.3 Minimum requirements for springs	10
5.4 Materials	10
6 Production testing	10
6.1 Purpose	10
6.2 General	10
6.3 Hydrostatic testing	11
6.4 Pneumatic testing	11
6.5 Adjustment of set or cold differential test pressure	12
6.6 Seat leakage test	12
6.7 Pressure seals	12
7 Type testing	12
7.1 General	12
7.2 Tests to determine operating characteristics	14
7.3 Tests to determine flow characteristics	15
7.4 Determination of the coefficient of discharge	17
7.5 Certification of coefficient of discharge	17
7.6 Certification of CSPRS	17
8 Determination of CSPRS performance	17
9 Sizing of CSPRS	17
10 Marking and sealing	18
10.1 Marking	18
10.2 Sealing of a CSPRS	19
Bibliography	20

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4126-5 was prepared by Technical Committee ISO/TC 185, *Safety devices for protection against excessive pressure*.

This second edition cancels and replaces the first edition (ISO 4126-5:2004), which has been technically revised. It also incorporates the Technical Corrigenda ISO 4126-5:2004/Cor 1:2006 and ISO 4126-5:2004/Cor 2:2007.

ISO 4126 consists of the following parts, under the general title *Safety devices for protection against excessive pressure*:

- *Part 1: Safety valves*
- *Part 2: Bursting disc safety devices*
- *Part 3: Safety valves and bursting disc safety devices in combination*
- *Part 4: Pilot operated safety valves*
- *Part 5: Controlled safety pressure relief systems (CSPRS)*
- *Part 6: Application, selection and installation of bursting disc safety devices*
- *Part 7: Common data*
- *Part 9: Application and installation of safety devices excluding stand-alone bursting disc safety devices*
- *Part 10: Sizing of safety valves for gas/liquid two-phase flow*
- *Part 11: Performance testing¹⁾*

Part 7 contains data that is common to more than one of the parts of ISO 4126 to avoid unnecessary repetition.

1) Under development.