
**Safety devices for protection against
excessive pressure —**

Part 5:
**Controlled safety pressure relief
systems (CSPRS)**

AMENDMENT 1
iTeh STANDARD PREVIEW
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*Dispositifs de sécurité pour protection contre les pressions
excessives —*

ISO 4126-5:2013/Amd 1:2016

Partie 5: Dispositifs de sécurité asservis (CSPRS)

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[ISO 4126-5:2013/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/e99be394-9d51-4a38-a7a3-b7ee0e2dcaec/iso-4126-5-2013-amd-1-2016)

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Amendment 1 to ISO 4126-5:2013 was prepared by Technical Committee ISO/TC 185, *Safety devices for protection against excessive pressure*.

[ISO 4126-5:2013/Amd 1:2016](#)

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Part 5: Controlled safety pressure relief systems (CSPRS)

AMENDMENT 1

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Clause 7.2.1 General Requirements

Delete the text and substitute:

7.2.1 General Requirements

CSPRPS for air or other gas service shall be tested using air or any other gas of known characteristics or superheated steam with a minimum of 10 °C of superheat. CSPRS for steam service shall be tested on steam, air or other gas of known characteristics. CSPRS for liquid service shall be tested on water or other liquids of known characteristics.

The allowable tolerances or limits as applicable on the operating characteristics are as follows:

- a) set pressure: ± 3 % of set pressure or $\pm 0,1$ bar, whichever is the greater;
- b) overpressure: the value stated by the manufacturer but not exceeding 10 % of set pressure or 0,1 bar, whichever is greater;
- c) lift of the main valve at overpressure: not less than the value stated by the manufacturer;
- d) the closing sensing pressure shall not be less than 93 % of set pressure.

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