

Guideline

A-25

CLAP

FORM N°X029

Version : 1

Directive 2014/68/EU

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Directive References: Article 2 (4)

Article 2 (5)

Subject: Scope – Sensors used as part of a safety chain

Question: Are the sensors which are used as part of a safety system to protect pressure equipment covered by the PED?

Answer: A sensor alone does not meet the definition of a pressure accessory, as per Article 2 (5) (see Guideline A-08 (CLAP X014)), nor the definition of a safety accessory, as per Article 2 (4). Consequently, no CE marking (due to the PED) is to be put on the individual sensor.

The conformity assessment procedure and essential safety requirements of the directive relate to the complete safety system. The requirements to the sensor may be different depending upon the safety concept employed (for example redundancy or fail safe, see Annex I § 2.11.1).

NOTE: The meaning of sensor is defined in the International Vocabulary of Basic and General Terms, published by JCGM (Joint Committee for guide in Metrology).

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