INTERNATIONAL STANDARD

Third edition 2018-02 AMENDMENT 1

Gas cylinders — Gases and gas mixtures — Determination of toxicity for the selection of cylinder valve outlets

AMENDMENT 1

iTeh STBouteilles à gaz – Gaz et mélanges de gaz – Détermination de la toxicité pour le choix des raccords de sortie de robinets (stamendement 1 teh.al)

ISO 10298:2018/PRF Amd 1 https://standards.iteh.ai/catalog/standards/sist/ceb8951a-33bd-4be1-b4fc-87951837c21c/iso-10298-2018-prf-amd-1

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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, <u>ISO 10298:2018/PRF And 1</u> https://standards.iteh.ai/catalog/standards/sist/ceb8951a-33bd-4be1-b4fc-

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4.3, Formula (1)

Replace Formula (1) with the following:

$$LC_{50} = \frac{1}{\sum_{i} \frac{C_i}{LC_{50i}}}$$

where

 C_i is the mole fraction of the *i*th toxic component present in the gas mixture;

 LC_{50i} is the lethal concentration of the *i*th toxic component [$LC_{50} < 5\ 000\ ppm$ (by volume)].

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