
**Fire protection equipment — Carbon
dioxide extinguishing systems for use
on premises — Design and installation**

AMENDMENT 2

*Équipement de protection contre l'incendie — Installations fixes
d'extinction par dioxyde de carbone utilisées dans les bâtiments —
Conception et installation*

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ISO 6183:2009/Amd 2:2019

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This document was prepared by Technical Committee ISO/TC 21, *Equipment for fire protection and fire fighting*, Subcommittee SC 8, *Gaseous media and firefighting systems using gas*.

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Clause 2, Normative references

Delete the references to ISO 5923:1989 and ISO 1182:2002.

Replace the reference to ISO 3864-1:2002 with the following:

ISO 3864-1:2011, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

Replace the reference to ISO 14520-1:2006 with the following:

ISO 14520-1:2015, *Gaseous fire-extinguishing systems — Physical properties and system design — Part 1: General requirements* (standards.iteh.ai)

Replace all references to ISO 14520-1:2006 with ISO 14520-1:2015 throughout the document.

[ISO 6183:2009/Amd 2:2019](https://standards.iteh.ai/catalog/standards/sist/7790d936-4787-46ca-9ad3-c121336950b1/iso-6183-2009-amd-2-2019)

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6.2.1, Quality

Replace the text with the following:

Carbon dioxide shall comply with the requirements of Table 2.

Table 2 — Requirements for carbon dioxide properties

Property	Requirements
Purity, o/o (VI V) min.	99,5
Water content, o/o (m/m) max.	0,015
Oil content, ppm by mass, max.	5
Total sulfur compounds content, expressed as sulfur, ppm by mass, max.	5,0
NOTE Carbon dioxide obtained by converting dry ice to liquid will not usually comply with these requirements unless it has been properly processed to remove excess water and oil.	

Renumber subsequent tables throughout the document.

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