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AMENDMENT 1
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Medical gas pipeline systems —

Part 1: Pipeline systems for compressed medical gases and vacuum

AMENDMENT 1

Systèmes de distribution de gaz médicaux —

Partie 1: Systèmes de distribution de gaz médicaux comprimés et de vide

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 6, *Medical gas systems*.

A list of all parts in the ISO 7396 series can be found on the ISO website.

Medical gas pipeline systems —

Part 1:
Pipeline systems for compressed medical gases and vacuum

AMENDMENT 1

5.8.2, fifth paragraph

Replace the following paragraph:

> Locations of supply systems which contain gases other than medical air and in which the gas can accumulate shall be provided with an oxygen monitor with an indicator at the entry to warn of oxygen concentrations below 19.5% or above 23.5%. The monitor shall activate an alarm with an auditory and visual signal at the entrance to warn of oxygen concentrations below 19.5% or above 23.5%.

with:

> Locations of supply systems which contain gases other than CO_2, medical air and air for driving surgical tools, and in which the gas can accumulate, shall be provided with an oxygen monitor with an indicator at the entry to warn of oxygen concentrations below 19,5 % or above 23,5 %. The monitor shall activate an alarm with audible and visual signals outside the entrance to warn of oxygen concentrations below 19,5 % or above 23,5 %. The O_2 sensor should be installed at a height of approximately 1 m. Labelling information on risks (anoxia, hypoxia) shall be placed on the outside of the entrance door. In case of supply system for CO_2, a CO_2 sensor with an indicator shall be installed at the entry to ensure the safety of personnel. In this case, the threshold level for CO_2 is 1,5 % in ambient air. The monitor shall activate an alarm with audible and visual signals outside the entrance, to warn of CO_2 concentrations equal to or above 1,5 %. The CO_2 sensor shall be installed at height of approximately 1 m.
>
> For CO_2, complementary to these requirements labelling, information on risks (anoxia, hypoxia) shall be placed outside of the room in a position that is clearly visible to anyone entering the room.

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