

# SC43 Precaution against ignition of explosive petrol and air mixture in closed vehicle spaces, closed ro-ro spaces and special category spaces

(1985)  
(Rev.1  
Nov 2005)  
(Rev.2  
Dec 2007)  
(Rev. 3  
Feb 2021)

**Interpretation of Regulations 20.3.2.1 and 20.3.3 of SOLAS Chapter II-2 as amended by IMO resolutions up to MSC.421(98)**

**(Chapter II-2, Regulation 20.3.2.1 and 20.3.3) SOLAS regulations II-2/20.3.2.1 and 20.3.3 read as follows:**

## **Text:**

*"(...) shall be of a type suitable for use in explosive petrol and air mixtures (...)"\**  
*"(...) shall be of a type approved for use in explosive petrol and air mixtures (...)"*

*\* Refer to the recommendations of the international Electrotechnical Commission, in particular publication 60079.*

## **Interpretation:**

This is realized by requiring certified safe equipment suitable for use in Zone 1 areas as defined in IEC Publication 60079-10-1:2015 (Gas Group IIA and Temperature Class T3). Refer to IEC Publication 60079 Part 14 IEC 60079-14:2013 for types of protection suitable for use in Zone 1 areas.

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## Note:

1. Rev.1 of this UI is to be uniformly implemented by IACS Societies from 1 July 2006.
2. Rev.2 of this UI is to be uniformly implemented by IACS Societies from 1 July 2008.
3. Rev.3 of this UI is to be uniformly implemented by IACS Societies on ships contracted for construction on or after 1 July 2022.
4. The 'contracted for construction' date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of 'contract for construction', refer to Procedural Requirement (PR) No. 29.

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