

## COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the  
Transport of Dangerous Goods

Thirty-third session  
Geneva, 30 June-9 July (a.m) 2008  
Item 7 of the provisional agenda

### MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

#### Fumigated cargo transport units and cargo transport units containing dangerous goods for cooling or conditioning

Transmitted by the European Industrial Gases Association

#### **Introduction**

The expert from the United Kingdom has transmitted document ST/SG/AC.10/C.3/2008/9 regarding Fumigated cargo transport units and cargo transport units containing dangerous goods for cooling or conditioning. Within this document is a proposal to placard a container that has been cooled or conditioned with Liquid Nitrogen or Carbon Dioxide with the sign shown in Appendix A

The European Industrial Gases Association is concerned that that the placard as proposed when used where either Nitrogen or Carbon Dioxide have been used to cool or fumigate a cargo transport unit may lead to a serious accident.

#### **Justification**

The sign proposed on the placard shows a standard type respirator. These are used where they may be dust or a gas present in air that is harmful to health. This item is only worn where the atmosphere consists of mainly air and not one where there is an oxygen deficiency. The device does not provide any oxygen (or air) to sustain life and a user who is wearing such a device and enters an atmosphere where there is oxygen deficiency will at best lose consciousness.

EIGA is concerned that a user who sees such a sign on a placard with a respirator on it may consider such a device will support life in an oxygen deficient atmosphere and then enter the area.

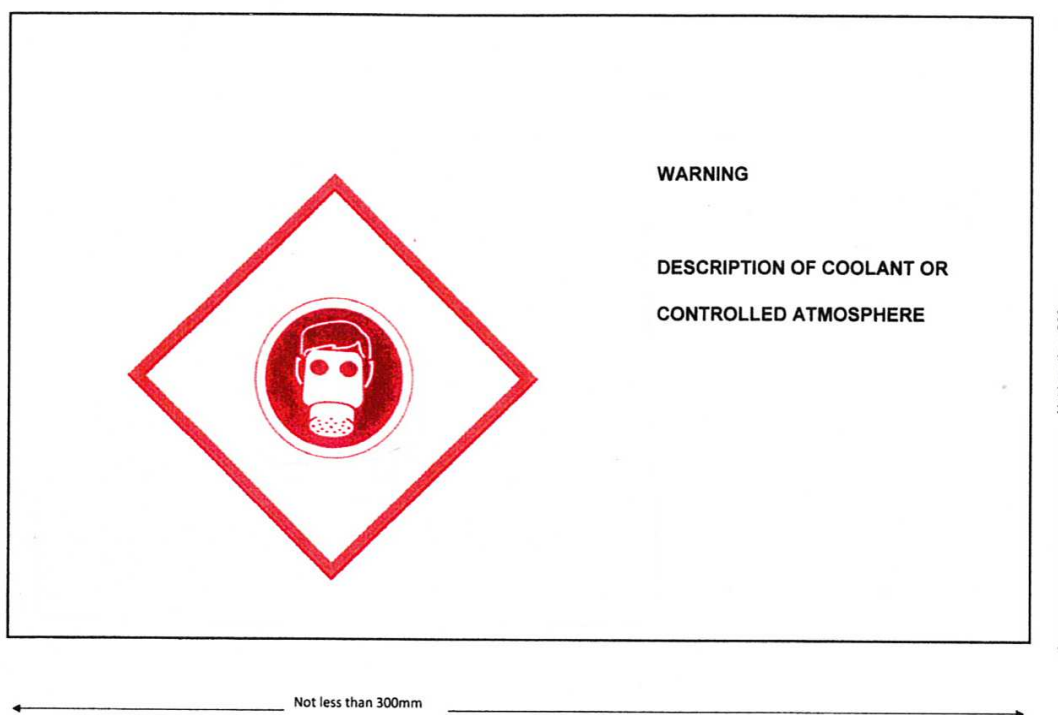
**Proposal**

The proposal is to replace the sign on the placard in Appendix A with either of the signs shown in Appendix B.

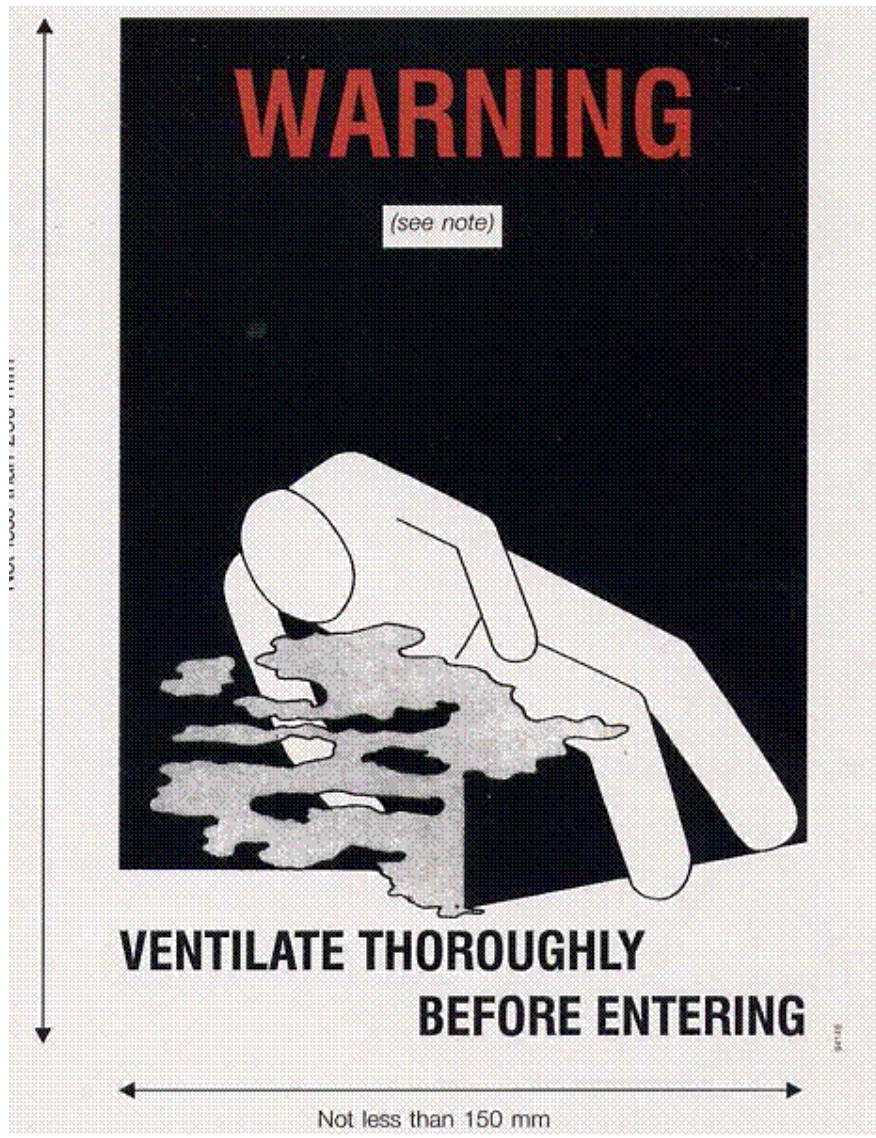
For information, EIGA has been sufficiently concerned about asphyxiation hazards to promote a safety campaign on this subject, see Appendix C, it can be accessed at:

<http://www.eiga.be/campaign/campaign.asp>

**Appendix A**



Appendix B



Appendix B



Appendix C



  
For further information  
visit [www.eiga.org](http://www.eiga.org)

This leaflet contains only an outline summary of the hazards of inert gases and methods that can be used to control the risks in the workplace. Visit the EIGA website to obtain free downloads of the following important documents:

- 44/00 Hazards of Inert Gases
- 40/02 Work Permit Systems

These will help you to train your staff and create safe systems of work in your operations when using inert gases.


I am  
**invisible**

I am **silent**

I have  
**no smell**

and I am a  
**killer.**

  
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DANGER ASPHYXIATION