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2007-2008 Edition
ADDENDUM/
CORRIGENDUM NO. 2
13/6/08

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT
OF DANGEROUS GOODS BY AIR**

2007-2008 EDITION

ADDENDUM/CORRIGENDUM NO. 2

The attached addendum/corrigendum should be incorporated into the 2007-2008 Edition of the Technical Instructions (Doc 9284).

(2 pages)

TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

In Part 2, Introductory Chapter, page 2-0-3, *amend* paragraph 3.8 to read:

3.8 A mixture or solution containing one or more substances identified by name in Table 3-1 or classified under an n.o.s. entry and one or more substances not subject to these Instructions is not subject to these Instructions if the hazard characteristics of the mixture or solution are such that they do not meet the criteria (including human experience criteria) for any class.

In Part 3, Chapter 1, page 3-1-2, *amend* paragraph 1.3.3 to read:

1.3.3 A mixture or solution containing one or more substances identified by name in Table 3-1 or classified under an n.o.s. entry and one or more substances not subject to these Instructions is not subject to these Instructions if the hazard characteristics of the mixture or solution are such that they do not meet the criteria (including human experience criteria) for any class.

In Part 3, Chapter 1, page 3-1-2, *add* the following new paragraph:

1.4 MIXTURES AND SOLUTIONS CONTAINING TWO OR MORE DANGEROUS GOODS

1.4.1 Reserved

Note. — *Classification of mixtures or solutions containing two or more dangerous goods should be based on the properties of the mixture or solution, not the individual substances. In some instances, it may be appropriate to select the UN number of a substance specifically listed by name in Table 3-1. For example, it may be more appropriate for mixtures or solutions containing a substance specifically listed by name in Table 3-1 and traces or small quantities of one or more other dangerous goods to be assigned the UN number and proper shipping name of the predominant substance.*

In Part 4, Chapter 4, page 4-4-1, *amend* the first part of paragraph 4.1.1.2 to read:

4.1.1.2 Parts of cylinders and closed cryogenic receptacles that are in direct contact with dangerous goods must not be affected or weakened by those dangerous goods and must not cause a dangerous effect (e.g. catalysing a reaction or reacting with the dangerous goods). In addition to the requirements specified in the relevant packing instruction, which take precedence, the applicable provisions of ISO 11114-1:1997 and ISO 11114-2:2000 must be met. Cylinders for UN 1001 **Acetylene, dissolved** and UN 3374 **Acetylene, solvent free** must be filled with a porous mass, uniformly distributed, of a type that conforms to the requirements and testing specified by the appropriate national authority and which:

In Part 4, Chapter 4, page 4-4-2, Packing Instruction 200:

Amend the first sentence to read:

For cylinders, the general packing requirements of 1.1 and 4.1.1 must be met.

In subparagraph 4), page 4-4-4:

In the first line, *delete* "(for gases see ISO 11114-1:1997 and ISO 11114-2:2000)"
In subparagraph a), *replace* "not authorized" with "forbidden"
In subparagraph b), *replace* "must not be used" with "are forbidden"
In subparagraph d), *replace* "must be authorized" with "are permitted"

Add new subparagraph 5) as follows:

- 5) Gas mixtures containing any of the following gases must not be offered for transport in aluminium alloy cylinders unless approved by the appropriate national authority of the State of Origin:

UN 1037 **Ethyl chloride**
UN 1063 **Methyl chloride**
UN 1063 **Refrigerant gas R 40**
UN 1085 **Vinyl bromide, stabilized**
UN 1086 **Vinyl chloride, stabilized**
UN 1860 **Vinyl fluoride, stabilized**
UN 1912 **Methyl chloride and methylene chloride mixture**

On page 4-4-5, Table 1, **Compressed gas, oxidizing, n.o.s.**, UN 3156, *add* "z" in the "Special packing provisions" column.

— END —