

# CETDG/21/INF.77

**Note from the Secretary to the UN Working Group on Gas Receptacles and MEGCs to Mr. Olivier Kervella.**

Following on from the adoption of UN/CETDG/21/INF.69/Add.1, there will be a need for consequential amendments in the existing text of the UN Model Regulations. The following are my suggestions for those amendments which were brought to the attention of the working group.

## CHAPTER 3.2

### Table of Consequential Changes to The Dangerous Goods List

UN No.	CURRENT PROPER SHIPPING NAME	NEW PROPER SHIPPING NAME	REASON
1008	BORON TRIFLUORIDE, COMPRESSED	BORON TRIFLUORIDE	Consequence of the new definition of High pressure liquefied gas
1859	SILICON TETRAFLUORIDE, COMPRESSED	SILICON TETRAFLUORIDE	Consequence of the new definition of High pressure liquefied gas
1911	DIBORANE, COMPRESSED	DIBORANE	Consequence of the new definition of High pressure liquefied gas
1962	ETHYLENE, COMPRESSED	ETHYLENE	Consequence of the new definition of High pressure liquefied gas
1982	TETRAFLUOROMETHANE, COMPRESSED (REFRIGERANT GAS R 14)	TETRAFLUOROMETHANE (REFRIGERANT GAS R 14)	Consequence of the new definition of High pressure liquefied gas
2036	XENON, COMPRESSED	XENON	Consequence of the new definition of High pressure liquefied gas
2193	HEXAFLUOROETHANE, COMPRESSED (REFRIGERANT GAS R 116)	HEXAFLUOROETHANE (REFRIGERANT GAS R 116)	Consequence of the new definition of High pressure liquefied gas
2198	PHOSPHORUS PENTAFLUORIDE, COMPRESSED	PHOSPHORUS PENTAFLUORIDE	Consequence of the new definition of High pressure liquefied gas
2203	SILANE, COMPRESSED	SILANE	Consequence of the new definition of High pressure liquefied gas
2417	CARBONYL FLUORIDE, COMPRESSED	CARBONYL FLUORIDE	Consequence of the new definition of High pressure liquefied gas
2451	NITROGEN TRIFLUORIDE, COMPRESSED	NITROGEN TRIFLUORIDE	Consequence of the new definition of High pressure liquefied gas
1040	ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1MPa (10 bar) at 50 °C	ETHYLENE OXIDE, or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1MPa (10 bar) at 50 °C	Addition of a comma makes it clear that the pressure of up to 10 bar does not apply to ETHYLENE OXIDE without nitrogen

## CHAPTER 4.1

### 4.1.3.6

This provision requires amendment to align with the terminology used in the newly adopted definitions in 1.2.1. My proposal takes into account that the definitions restrict the capacity of cylinders to 150 litres only and pressure drums to 1000 litres. The proposed text is as follows.

4.1.3.6 ~~Gas cylinders and gas receptacles~~ Cylinders, bundles of cylinders, pressure drums and tubes approved by the competent authority . . . . .Dangerous Goods List. The capacity of ~~gas cylinders shall not exceed 450 litres. The capacity for gas receptacles~~ bundles of cylinders and tubes shall not exceed 1000 litres.”

**P400 (1), P401 (1), P402 (1)**

First Line “Steel ~~gas~~ cylinders, pressure drums and ~~gas receptacles~~ tubes having . . . .”

Third line “the ~~gas~~ cylinders, pressure drums ~~gas receptacles~~ or tubes shall be . . . . .”

Fourth line “Cylinders, pressure drums and ~~gas receptacles~~ tubes shall be . . . . .”

Seventh Line “. . . . . capacity of the cylinder, pressure drum or tube.”

**P601 (4), P602 (4)**

“~~Gas~~ Ceylinders, pressure drums and ~~gas receptacles~~ tubes . . . . .No cylinder, pressure drum or tube may be . . . . . ~~Gas~~ Ceylinders, pressure drums and ~~gas receptacles~~ tubes shall have . . . . .”

**P907**

May also need amending; I do not have a copy of this new provision.

**CHAPTER 4.2**

**Title**

Add “**AND MULTIPLE-ELEMENT GAS CONTAINER (MEGCs)**”

**4.2.4**

Renumber as 4.2.5.

**CHAPTER 6.1**

**6.1.1.1**

6.1.1.1.requires amendment to exclude all pressure receptacles now covered by 6.2.

In 6.1.1.1 (b), replace “Gas cylinders” by “Pressure receptacles”.

**6.1.2.5**

6.1.2.5. delete “7 Pressure receptacle”

**CHAPTER 6.7**

**Title**

Add “**AND MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs)**” to end.

**6.7.1.1**

Amend the first sentence to read “The requirements of this chapter apply to portable tanks intended for the transport of dangerous goods of Classes 2, 3, 4, 5, 6, 8, and 9, and to MEGCs intended for the transport of non-refrigerated gases of Class 2, by all modes of transport.

Insert “or MEGC” after “portable tank” in the second sentence and “or MEGCs” after “portable tanks” in the third.

**6.7.1.2**

Insert “or MEGC” after “portable tank” in the second sentence and “or MEGCs” after “portable tanks” in the third.

Chris Jubb

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