



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Atlantic City, United States, 4 to 8 April 2011

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2013-2014 Edition

2.5: Part 5 — Shipper's Responsibilities

FIRE EXTINGUISHERS, UN 1044

(Presented by G A Leach)

SUMMARY

This working paper seeks to clarify what net quantity should be stated on the dangerous goods transport document.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Part 5;4.1.5.1 requires, amongst other things, the net quantity or gross mass as appropriate to be stated on the dangerous goods transport document. It also makes a number of exceptions for certain items where stating a quantity is not straightforward. However, no exception is made for UN 1044, Fire extinguishers, and questions have been received from a number of shippers in respect of what quantity should be stated on the transport document.

1.2 Since a fire extinguisher relies on a compressed gas to expel the extinguishant, theoretically the weight that should be stated is the net weight of the compressed gas, but this is harder to determine than even a compressed gas without an extinguishant. There is also the added factor that the cylinder may have installed an actuating cartridge of division 1.4C or 1.4D. It is suggested that for all practical purposes the net weight of the extinguisher would be an appropriate and easily determined quantity to state on the transport document.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to add a new “g)” to Part 5; 4.1.5.1 as follows:

g) for UN1044 the net weight of the fire extinguisher.

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