



WORKING PAPER

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

Montréal, 15 to 19 October 2012

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 2015-2016 Edition

2.1: Part 1 — General

NET QUANTITY FOR UNPACKAGED ARTICLES

(Presented by G A Leach)

SUMMARY

This working paper proposes text to specify what quantity is required to be stated on the dangerous goods transport document for unpackaged articles.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 At DGP/23 the definition of “net quantity” was amended to remove confusion in respect of what quantity must be stated on the dangerous goods transport document for items such as fire extinguishers. It was agreed that the quantity should be the mass or volume of a substance or article described by its proper shipping name; e.g. since there is a proper shipping name for “fire extinguishers” (UN 1044) the quantity to be specified will be the mass of the article as opposed to what is contained within. However, the wording of the definition relates to dangerous goods “contained in a package” and consequently unpackaged articles, e.g. the various “vehicle” entries, no longer appear to be addressed. It is suggested a further slight change to the definition of net quantity would resolve the issue.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to amend the definition of “net quantity” in Part 1, Chapter 3 of the Technical Instructions as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 1 OF THE TECHNICAL INSTRUCTIONS

Part 1

GENERAL

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Chapter 3

GENERAL INFORMATION

Parts of this Chapter are affected by State Variation BE 1; see Table A-1

3.1 DEFINITIONS

Net quantity. The mass or volume of the dangerous goods contained in a package excluding the mass or volume of any packaging material; or the mass of an unpackaged article of dangerous goods (e.g. UN 3166). For the purposes of this definition, "dangerous goods" means the substance or article as described by the proper shipping name shown in Table 3-1, e.g. for "Fire extinguishers", the net quantity is the mass of the fire extinguisher. For articles packed with equipment or contained in equipment, the net quantity is the net mass of the article, e.g. for lithium ion batteries contained in equipment, the net quantity is the net mass of the lithium ion batteries in the package.

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