



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-FOURTH MEETING

Montréal, 28 October to 8 November 2013

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

CLASS 6 – TOXIC AND INFECTIOUS SUBSTANCES PACKING INSTRUCTION 620

(Presented by B. Carrara)

SUMMARY

This working paper raises an issue about the interpretation of subparagraph e) of Packing Instruction 620 related to temperature criteria applicable to the pressure test required.

Action by the DGP: The DGP is invited to discuss the interpretation of Packing Instruction 620, subparagraph e). Based on the outcome of this discussion, a proposal for amendment may be submitted.

1. INTRODUCTION

1.1 Packing Instruction 620 specifies the applicable packing requirements for infectious substances of Division 6.2, UN 2814 and UN 2900. According to subparagraph e) of this packing instruction, the primary receptacle or the secondary packaging must be capable of withstanding, without leakage, an internal pressure producing a pressure differential of not less than 95 kPa and temperatures in the range -40°C to $+55^{\circ}\text{C}$ whatever the intended temperature of the consignment.

1.2 The requirement does not include, however, criteria for application of the temperature interval specified for the test. Due to this fact, many test facilities propose different methodologies in order to meet the requirement. In this context what would be the appropriate interpretation of this requirement?

- a) Shall we measure it from -40°C to $+55^{\circ}\text{C}$ throughout all of the range?

- b) Shall we measure it just on the extremities, i.e. at - 40°C and +55°C?
- c) Shall we consider it acceptable to adopt one of the methods foreseen in Part 4;1.1.6 as a law-abiding one?

— END —