



WORKING PAPER

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

Memphis, 30 April to 4 May 2007

- 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 2009/2010 Edition**
2.4: Part 4 — Packing Instructions

CHEMICAL KITS

(Presented by CEFIC)

SUMMARY

This paper proposes an amendment to Packing Instruction 915 to allow Dry Ice being packed in the same outer packaging.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 **Chemical Kits**, UN 3316 have to be packed according to Packing Instruction 915. The current PI 915 indicates that “Kits must not be packed with other dangerous goods in the same outer packaging” although in some cases Dry Ice has to be added for cooling purposes. We therefore propose to amend PI 915 to cover this properly.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to:

2.1.1 Amend the fourth paragraph in PI 915 as follows:

...

Kits must not be packed with other dangerous goods in the same outer packaging, with the exception of Dry Ice.

2.1.2 Add the following to PI 915:

When dry ice is used to keep chemical kits cold, all applicable requirements of these Instructions must be met. When used, dry ice must be placed outside the secondary packagings or in the outer packaging. If ice is used, the outside packaging or overpack must be leakproof. If carbon dioxide, solid (dry ice) is used, the packaging must be designed and constructed to permit the release of carbon dioxide gas to prevent a build-up of pressure that could rupture the packagings.

The primary receptacle and the secondary packaging must maintain their integrity at the temperature of the refrigerant used as well as the temperatures and the pressures which could result if refrigeration were lost.”

— END —