



WORKING PAPER

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

Beijing, China, 25 October to 3 November 2006

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

2.3: Part 3 — Dangerous Goods List and Limited Quantities Exceptions

SPECIAL PROVISION A123

(Presented by G. Leach)

SUMMARY

This paper proposes an amendment to Special Provision A123 in order to reflect the need for protection against unintentional activation.

Action proposed is in paragraph 2.

1. INTRODUCTION

1.1 Special Provision A123 of the Technical Instructions specifies the measures which must be taken with regard to the protection against short circuit of electric storage batteries (included when fitted in equipment) which have the potential of a dangerous evolution of heat. While protection against short circuit is clearly essential, a number of incidents have occurred not because of short circuit but rather because of unintentional activation, particularly in the case of power tools, e.g. drills. It is suggested Special Provision A123 should reflect this.

2. ACTION PROPOSED

2.1 It is proposed to *amend* Special Provision A123 as follows:

A123 This entry applies to Batteries, electric storage, not otherwise listed in Table 3-1. Examples of such batteries are: alkali-manganese, zinc-carbon, nickel-metal hydride and nickel-cadmium batteries. Any electrical battery or battery-powered device having the potential of dangerous evolution of heat that is not prepared so as to prevent:

a) a short circuit (e.g. in the case of batteries, by the effective insulation of exposed terminals; or, in the case of equipment, by disconnection of the battery and protection of exposed terminals); and

b) unintentional activation

is forbidden from transport.

— END —