



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/21)**

**Virtual Meeting, 24 to 28 May 2021**

**Agenda Item 2: Managing air-specific safety risks and identifying anomalies**

**2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2023-2024 Edition**

**PROPOSED SPECIAL PROVISION FOR LIFE-SAVING APPLIANCES**

(Presented by D. Brennan)

**SUMMARY**

This working paper proposes that the provision contained in Packing Instruction 955 that excepts packages of life-saving appliances containing only small cartridges of a Division 2.2 from being shipped as dangerous goods be moved to become a new special provision.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 A new provision excepting from the provisions of the Technical Instructions life-saving appliances containing only a Division 2.2 gas when in packages not exceeding 40 kg G was adopted into Packing Instruction 955 in the 2013-2014 Edition of the Technical Instructions. This exception originated from changes adopted into the 17<sup>th</sup> revised edition of the UN Model Regulations.

1.2 While this provision has been in place in the Technical Instructions for now eight years, the placement as the second last paragraph in the packing instruction is easy to be overlooked. It is also inconsistent to have an exception from the application of the provisions of the Technical Instructions located in a packing instruction.

1.3 The equivalent relaxation in the UN Model Regulations is contained within special provision 296. As such it is believed that it is more appropriate to have the exception from the Technical Instructions also in a special provision rather than being in the packing instruction.

1.4 In developing this working paper and the change proposed to Table 3-1 to identify the placement of the proposed new special provision against the entries for UN 2990 — **Life-saving**

**appliances, self-inflating** and UN 3072 — **Life-saving appliances, not self-inflating**, it was identified that in columns 10 and 12 it currently shows “see 955”. The use of “see PI” in Table 3-1 normally only applies where there is no value shown in columns 11 and/or 13 and where the user must read the packing instruction to determine the applicable quantity limit(s). An example of this is UN 3480 — **Lithium ion batteries**. As there are values in columns 11 and 13 for both UN 2990 and UN 3072 then it is believed that column 10 and 12 for these UN numbers should just show “955”.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to agree to the adoption of a new special provision that provides for the exception from the Technical Instructions for life-saving appliances containing only a Division 2.2 gas and to delete the paragraph from Packing Instruction 955 as shown in the appendix to this working paper.

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APPENDIX

PROPOSED AMENDMENT TO PARTS 3 AND 4 OF THE TECHNICAL INSTRUCTIONS

Part 3

**DANGEROUS GOODS LIST,  
SPECIAL PROVISIONS AND  
LIMITED AND EXCEPTED QUANTITIES**

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Table 3-1. Dangerous Goods List

Name	UN No.	Class or division	Subsidiary hazard	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4		6	7	8	9	10	11	12	13
...												
<b>Life-saving appliances, not self-inflating</b> containing dangerous goods as equipment	3072	9		Miscellaneous		A48 A87 A182 <del>AXX</del>		E0	see-955	No limit	see-955	No limit
<b>Life-saving appliances, self-inflating</b>	2990	9		Miscellaneous		A48 A87 <del>AXX</del>		E0	see-955	No limit	see-955	No limit

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## Chapter 3

### SPECIAL PROVISIONS

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Table 3-2. Special provisions

TIs UN

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AXX Life-saving appliances packed in strong rigid outer packagings with a total maximum gross mass of 40 kg, containing no dangerous goods other than Division 2.2 compressed or liquefied gases with no subsidiary risk in receptacles with a capacity not exceeding 120 mL, installed solely for the purpose of the activation of the appliance, are not subject to these Instructions when carried as cargo.

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## Part 4

### PACKING INSTRUCTIONS

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#### Packing Instruction 955

Passenger and cargo aircraft for UN 2990 and UN 3072 only

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#### ADDITIONAL PACKING REQUIREMENTS

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The appliances must be packed, so that they cannot be accidentally activated, in strong outer packagings and, except for life vests, the dangerous goods must be in inner packagings packed so as to prevent movement. The dangerous goods must be an integral part of the appliance without which it would not be operational and in quantities which do not exceed those appropriate for the actual appliance when in use.

~~Life-saving appliances packed in strong rigid outer packagings with a total maximum gross mass of 40 kg, containing no dangerous goods other than Division 2.2 compressed or liquefied gases with no subsidiary hazard in receptacles with a capacity not exceeding 120 mL, installed solely for the purpose of the activation of the appliance, are not subject to these Instructions when carried as cargo.~~

Life-saving appliances may also include articles and substances not subject to these Instructions which are an integral part of the appliance.

— END —