



**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**

**REVISION TO THE LIST OF DANGEROUS GOODS THAT DO NOT NEED TO BE LISTED  
ON THE NOTOC**

(Presented by P. Guo)

**SUMMARY**

This working paper proposes to add UN 3164 — **Articles, pressurized, hydraulic** containing non-flammable gas and UN 3164 — **Articles, pressurized, pneumatic** containing non-flammable gas to the list of dangerous goods not required to appear in the information to the pilot-in-command contained in Table 7-9.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 UN 3164 — **Articles, pressurized, hydraulic** containing non-flammable gas and UN 3164 — **Articles, pressurized, pneumatic** containing non-flammable gas, do not need to be listed with the information to pilot-in-command (NOTOC) when Packing Instruction 208 a) applies:

**Packing Instruction 208**

The general packing requirements of 4;1 must be met.

Articles, pressurized pneumatic or hydraulic containing a non-flammable, non-liquefied and non-toxic gas and constructed from materials which will not fragment under pressure, may be carried under the following conditions:

- a) when installed in construction equipment and assembled machinery, articles must be designed and constructed with a burst pressure of not less than 5 times their charged pressure at 21°C when shipped;

*Note.— Labelling, marking, dangerous goods transport document and information to pilot-in-command are not required.*

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1.2 UN 3164 is not listed in the list of dangerous goods not required to appear in the information to the pilot-in-command contained in Table 7-9 of the Technical Instructions. The inconsistency may easily cause misunderstanding.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider the proposed amendments to Table 7-9 shown in the appendix to this working paper.

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APPENDIX

PROPOSED AMENDMENT TO PART 7 OF THE TECHNICAL INSTRUCTIONS

Part 7

OPERATOR'S RESPONSIBILITIES

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Chapter 4

PROVISION OF INFORMATION

4.1 INFORMATION TO THE PILOT-IN-COMMAND

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Table 7-9. Dangerous goods not required to appear in the information to the pilot-in-command

| <i>UN Number</i> | <i>Item</i>                                                                                                                                                    | <i>Reference</i>                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| ...              |                                                                                                                                                                |                                     |
| UN 3091          | <b>Lithium metal batteries contained in equipment</b> (including lithium alloy batteries) when meeting the requirements of Packing Instruction 970, Section II | Packing Instruction 970, Section II |
| UN 3091          | <b>Lithium metal batteries packed with equipment</b> (including lithium alloy batteries) when meeting the requirements of Packing Instruction 969, Section II  | Packing Instruction 969, Section II |
| <u>UN 3164</u>   | <u>Articles, pressurized, hydraulic containing non-flammable gas when meeting the requirements of Packing Instruction 208 a)</u>                               | <u>Packing Instruction 208, a)</u>  |
| <u>UN 3164</u>   | <u>Articles, pressurized, pneumatic containing non-flammable gas when meeting the requirements of Packing Instruction 208 a)</u>                               | <u>Packing Instruction 208, a)</u>  |
| UN 3245          | <b>Genetically modified micro-organisms</b>                                                                                                                    | Packing Instruction 959             |
| ...              |                                                                                                                                                                |                                     |

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