

## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on the Transport of Dangerous Goods

113th session

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Item 5 (a) of the provisional agenda

**Proposals for amendments to annexes A and B of ADR:  
construction and approval of vehicles**

### Consequential amendments to proposal in ECE/TRANS/WP.15/2023/4

#### Transmitted by the Government of the Netherlands

- The following consequential amendments are proposed:
- In the table of subsection 9.2.1.1 amend the line for 9.2.2.8 to read (new wording in *Italic script*, deleted stricken through):

|         |                                                                              |   |   |  |   |  |
|---------|------------------------------------------------------------------------------|---|---|--|---|--|
| 9.2.2.7 | Voltage                                                                      | X | X |  |   |  |
| 9.2.2.8 | <i>De-energizing electrical circuits</i><br><del>Battery master switch</del> |   | X |  | X |  |
| 9.2.2.9 | Permanently energized circuits                                               |   |   |  |   |  |

- Amend subsection 9.2.2.9.1 (a) to read (new wording underlined, deleted wording stricken through):

"9.2.2.9.1 (a) *Those parts of the electrical installation including the leads which shall remain energized when the feature to de-energize the electrical circuits is applied ~~battery master switch is open~~, shall be suitable for use in hazardous areas. Such equipment shall meet the general requirements of IEC 60079, parts 0 and 14<sup>3</sup> and the additional requirements applicable from IEC 60079, parts 1, 2, 5, 6, 7, 11, 15, 18, 26 or 28;*"

- Amend subsection 9.2.2.9.2 to read:

"9.2.2.9.2 *Bypass connections to the feature to de-energize the electrical circuits ~~battery master switch for electrical equipment~~ which shall ~~must~~ remain energized when the feature is applied ~~battery master switch is open~~ shall be protected against overheating by suitable means, such as a fuse, a circuit breaker or a safety barrier (current limiter).*"

<sup>3</sup> The requirements of IEC 60079 part 14 do not take precedence over the requirement of this Part.