

**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

Sub-Committee of Experts on the Transport of Dangerous Goods

30 June 2016

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Item 7 of the provisional agenda

**Global harmonization of transport of dangerous goods regulations
with the Model Regulations**

**Provisions for lithium batteries installed in closed cargo
transport units**

Transmitted by PRBA - The Rechargeable Battery Association

1. The following proposal respond to comments on PRBA’s working document ST/SG/AC.10/C.3/2016/41 for lithium batteries installed in transport units.

Proposal

In the Dangerous Goods List in Chapter 3.2, add a new entry to read as follows:

| UN No. | Name and description | Class or division | Subsidiary risk | UN packing group | Special provisions | Limited and excepted quantities | | Packagings and IBCs | | Portable tanks and bulk containers | |
|--------|--|-------------------|-----------------|------------------|--------------------|---------------------------------|------|----------------------|----------------------------|------------------------------------|--------------------|
| | | | | | | | | Packing instructions | Special packing provisions | Instructions | Special provisions |
| (1) | (2) | (3) | (4) | (5) | (6) | (7a) | (7b) | (8) | (9) | (10) | (11) |
| 35AB | LITHIUM BATTERIES INSTALLED IN TRANSPORT UNIT lithium ion batteries or lithium metal batteries | 9 | | | XXX | E0 | 0 | | | | |

In Chapter 3.3, add new Special Provision XXX to read:

XXX This entry only applies to UN35XX for lithium ion batteries or lithium metal batteries installed in a transport unit and designed only to provide power external to the transport unit. The lithium batteries shall meet the requirements of 2.9.4(a) – (e) and contain the necessary systems to prevent overcharge and over discharge between the batteries.

The batteries shall be securely attached to the interior structure of the transport unit (e.g., by means of placement in racks, cabinets, etc.) in such a manner as to prevent short circuits, accidental operation, and significant movement relative to the transport unit under the shocks, loadings and vibrations normally incident to transport. Dangerous goods necessary for the safe and proper operation of the transport unit (e.g., fire extinguishing systems and air conditioning systems), shall be properly secured to or

installed in the transport unit and are not otherwise subject to these Regulations. Dangerous goods not necessary for the safe and proper operation of the transport unit shall not be transported within the transport unit.

The batteries inside the transport unit are not subject to marking or labelling requirements. The transport unit shall display the UN number in accordance with 5.3.2.1 and be placarded on two opposing sides in accordance with 5.3.1.1.2.
