



LITHIUM BATTERIES

THE PEOPLE NETWORK

DEFINITION OF EQUIPMENT 1/2 APPLIES TO I IMPACT

A new definition of equipment has now been included in the PI's for 'contained in equipment' and amended in the PI's for 'packed with equipment'. "Equipment" means the device or apparatus for which the lithium cells or batteries will provide electrical power for its operation.

Applies to:

PI 967 Section I, II - UN3481, Lithium ion batteries contained in equipment

PI 970 Section I, II - UN3091, Lithium metal batteries contained in equipment

PI 966 Section I, II - UN3481, Lithium ion batteries packed with equipment

PI 969 Section I, II - UN3091, Lithium metal batteries packed with equipment

Impact:

Large impact on customers who currently send Section II powerbanks as UN3481, Lithium Ion Batteries contained in equipment, under PI 967. As from Jan 01, 2016, they will have to classify and declare the powerbanks as UN3480, Lithium I on batteries under PI965.

DEFINITION OF EQUIPMENT 2/2 APPLIES TO I IMPACT

Impact continued:

The consequence of the different classification is the significantly reduced max contents of Section II packages containing powerbanks.

From: UN3481 -7 5 kg's of batteries (**prohibited as from 1 January 2016**)

To: UN3480 -7 only 8 cells or 2 batteries

To comply with the new regulatory requirements the customers must:

1. Change the classification of the goods from UN3481 to UN3480
2. Change their packaging to a maximum of 2 batteries per package (in order to keep the shipment within the limitations of Section II of PI965) or maintain their current packaging (this would mean the shipment becomes fully regulated DG under Section 1 B of PI965).

Either way, the customers must apply for TNT / TNT SWISS POST customer approval.



RIGID OUTER PACKAGING IS MANDATORY FOR TRANSPORTATION OF LITHIUM BATTERIES

ACCEPTABLE OUTER PACKAGING



DRUMS

Steel, Aluminium,
Plywood, Fibre,
Plastic, Other metal



PACKAGES

Fibreboard



BOXES

Steel, Aluminium, Wood,
Reconstituted wood Plywood,
Plastic, Other metal

UN3481 AND UN3091 CONSIGNMENTS SHOULD BE PROPERLY LABELLED

LABEL REQUIRED

- Packages containing more than four cells or two batteries installed in equipment.
- More than two packages in the consignment.

Consignment



NO LABEL REQUIRED

- Packages containing only button cell batteries installed in equipment, including circuit boards.
- Packages containing no more than four cells or two batteries installed in equipment, but no more than two packages in the consignment¹.

Consignment



DANGEROUS GOODS: LITHIUM BATTERIES (Stand: 2015-12-09)

¹ New regulations allow a transition period of 1 year until December 31, 2016 before restriction on number of packages in consignment is mandatory

