

Open-Box Inspection Checklist

For Lithium and Sodium Batteries

Applicable to lithium and sodium battery shipments under **UN 3480** (PI 965, Sections **IA & IB**), **UN 3090** (PI 968, Sections **IA & IB**), **UN 3551** (PI 976), **UN 3481** (PI 966, **Section I**), **UN 3091** (PI 969, **Section I**), **UN 3552** (PI 977, **Section I**)

WARNING: USED, REFURBISHED, WASTE LITHIUM/SODIUM BATTERIES AND LITHIUM/SODIUM BATTERIES THAT HAVE BEEN DAMAGED OR RECALLED BY THE MANUFACTURER FOR SAFETY REASONS ARE NOT ACCEPTED FOR CARRIAGE BY SILK WAY WEST AIRLINES.

This checklist is intended to verify applicable shipments in SWW _____ station
use 3-letter IATA code

AWB № (MAWB): _____ (HAWB): _____

Origin: _____ Destination: _____

UN №: _____ Section №: _____

Piece(s) of Inspected Cargo: _____

Name of the freight forwarder: _____

Name of the manufacturer (shipper): _____

Country of Origin: _____

Model # of Cell/Battery:

Configuration (Composition) of Battery (e.g., 2S1P): _____

**Single Cell Battery must be transported according to the requirements for “Cell” not “Battery”.*

For UN 3480, UN 3481, UN 3551 and UN 3552: Check **Watt-hour rating** per cell or Battery, i.e.:

Actual Watt-hour (refer to the mark affixed to the battery): _____

Data stated in the documents (UN 38.3 Test Report/Summary, MSDS, etc.): _____

For UN 3090 and UN 3091: Check **Grams of lithium metal content**

Data stated in the documents (UN 38.3 Test Report/Summary, MSDS, etc.): _____

For UN 3480 and UN 3090 only, refer to below-given tables for maximum allowance per cell and battery (Section IB):

Lithium Ion — maximum of: <ul style="list-style-type: none"> 20 Watt-hours per cell; and 100 Watt-hours per battery 	Lithium Metal— maximum of: <ul style="list-style-type: none"> 1 gram of lithium metal per cell; and 2 grams of lithium metal per battery
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Check the actual Net Quantity vs Stated in the Shipper’s Declaration (DGD):

Actual Net Quantity per package (**Section IA and I**): _____ Declared Net Quantity per package: _____

Lithium-ion batteries:	Max. Allowed Net Q-ty per package (CAO): 35 kg
Lithium metal batteries:	Max. Allowed Net Q-ty per package (CAO): 35 kg
Sodium ion batteries:	Max. Allowed Net Q-ty per package (CAO): 35 kg

Actual Net Quantity per package (Section IB):

Declared Net Quantity per package: _____

Lithium-ion batteries (PI 965, Section IB):	Max. Allowed Net Q-ty per package (CAO): 10 kg
Lithium metal batteries (PI 969, Section IB):	Max. Allowed Net Q-ty per package (CAO): 2.5 kg

SoC (State of Charge) for transportation of Lithium Ion/Sodium Ion cells/batteries, based on the Shipper's Declaration (UN 3480, UN 3481, or UN3551): _____ %

*****SoC must not exceed 30% of manufacturer's rated/designed capacity*****

Is the following information correct for each entry? ("YES", "NO" or N/A fields to answer).

Based on random check for part of the shipment:

YES NO* N/A

A) The inner packaging free from any damage or leakage.

☐ ☐

B) Cells/batteries fully enclosed individually by short-circuit proof materials (e.g., plastic case).

☐ ☐

C) The inner packaging is secured from movement inside the outer packaging.

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D) The outer packaging corresponds to one of the packaging types shown below.

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Section I/IA: UN-certified and compliant with PG II performance standards.

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Section IB: The packaging meets the PG II performance standards.

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Please encircle appropriate answers below:

For Drum type outer packaging

Steel	Aluminium	Plywood	Fibre	Plastic	Other metal
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For Jerrican type outer packaging

Steel	Aluminium	Plastic
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For Box type outer packaging

Steel	Aluminium	Wood	Plywood	Reconstituted wood	Fibreboard	Plastic	Other metal
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E) The Agent provided SWWA with all the documents relevant to this shipment in

addition to DGD? (e.g., UN 38.3 Test Report/Summary, MSDS, Quality certificate, etc.)

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F) There are no any other DG or chemical substance(s)/article(s) packed together with the cells/batteries in the same outer packaging.

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Note: As to open-box inspection against Section II of PI 966, PI 969 and/or PI 977 (packed with equipment but almost under the same condition as the standalone batteries PI 965/968/976 in terms of packing requirements), it is recommended that the check list for Section II filled out by the Shipper be referred to for the inspection along with utilizing this Open-Box Inspection Checklist.

Remarks: _____

Checked by: _____

Staff №: _____

Date/Time: _____

Signature: _____

***If any box is checked "No", do not accept the shipment and give a duplicate copy of this completed form to the shipper.**