

# Please find below the 2017 IATA regulatory changes for lithium-ion batteries, which is specific to the FedEx Express integrated network.

## FedEx Express Dangerous Goods (DG) Policy Changes: Lithium Battery Shipments

FedEx Express is taking extra measures to improve the safe transport of lithium batteries by implementing a FedEx Express operator variation in the upcoming International Air Transport Association (IATA) DG regulations.

As a result of the April 1, 2016, IATA changes, passenger airlines were no longer allowed to carry bulk lithium batteries. As an air cargo carrier, FedEx Express will continue carrying these shipments under the new policy:

- **Effective January 1, 2017**, FedEx Express will no longer accept domestic and international bulk lithium batteries (UN 3090 lithium metal batteries or UN 3480 lithium ion batteries) prepared as IATA Section II. **Note:** UN 3090 and UN 3480 include lithium metal and lithium ion batteries shipped alone that are not contained in or packed with equipment. [Bulk lithium batteries are also known as stand-alone lithium batteries.](#)

Under the new policy, customers will be eligible to send these bulk lithium battery shipments as fully regulated Section I (either Section IA or Section IB). This includes: Shipper's Declaration for DG form; required DG marking and labeling including the Class 9 label and Cargo Aircraft Only label; and applicable Inaccessible Dangerous Goods (IDG) surcharges.

**Note:** this policy change does not impact UN 3091 and UN 3481 lithium batteries that are contained in or packed with equipment such as cell phones or laptop computers.

## Lithium Battery Safety Measures (effective January 1, 2017)

FedEx will implement these extra safety measures to improve the safe transport of lithium batteries.

- Effective January 1, 2017, FedEx Express will no longer accept UN 3090 or UN 3480 lithium batteries offered as IATA Section II. Instead, shipments must travel as fully regulated Section IA or Section IB with a Shipper's Declaration for DG form and all required goods marking and labeling, including the Class 9 label and Cargo Aircraft Only label
- Approved customers on the UN 3090 Section II list will be placed on the UN 3090 Section I list automatically
- Section I UN 3090 and UN 3480 are hazard class 9 materials and classified as Inaccessible Dangerous Goods (IDG). FedEx Express services allowed for IDG apply to these shipments, and the IDG surcharge applies.
- Customers must add the UN number on the IATA Lithium Battery Handling label when this label is required. For example: Section IB UN 3090 and UN 3480 and Section II UN 3091 and UN 3481

## 2017 FX-05\* FedEx Express Operator Variation

Effective January 1, 2017, the International Air Transport Association (IATA) DG regulations include this FX-05 operator variation:

- \*\*FedEx Express will not accept UN 3090 or UN 3480 offered as Section II
- UN 3090 lithium metal batteries under Packing Instruction 968 (Section IA, IB) require pre-approval
- Lithium batteries (Section I, IA, IB and II) in all packing instructions must not be shipped in the same package as the following DG classes/divisions: 1.4, 2.1, 3, 4.1, 4.2, 4.3, 5.1, 5.2 and 8, and 2.2 with a

Cargo Aircraft Only label. This includes All Packed in One, Overpacks and combination All Packed in One/Overpacks

- \*\*All Section II and IB lithium batteries must have the UN number(s) added to the IATA lithium battery handling label (Caution)
- \*The FedEx Express (FX) operator variations were renumbered for 2017. The variation in the 2016 IATA is FX-07 but becomes FX-05 in the 2017 IATA.

\*\*Denotes changes in 2017.

Note: for FX-05 'd' the words 'and IB' will not appear in the 2017 IATA hard copy. They will appear in an upcoming IATA Addendum.

### 2017 Labeling Changes

- 1/1/2017 IATA/ICAO is introducing 2 label changes (may be used in 2016)
  - Hazard Class 9 label with a battery graphic
  - IATA lithium battery handling label with required UN number



### ADG & IDG FedEx Service Options

	Accessible Dangerous Goods (ADG)	Inaccessible Dangerous Goods (IDG)
<b>Domestic U.S. Services</b>		
FedEx First Overnight	Yes	Yes*
FedEx Priority Overnight	Yes	Yes
FedEx Standard Overnight	No	Yes
FedEx 2Day A.M.	No	Yes
FedEx 2Day	No	Yes
FedEx Express Saver	No	Yes
FedEx First Overnight Freight	Yes	Yes*
FedEx 1Day Freight	Yes	Yes
FedEx 2Day Freight	No	Yes
FedEx 3Day Freight	No	Yes

<b>International Services From the U.S.</b>	<b>Accessible Dangerous Goods (ADG)</b>	<b>Inaccessible Dangerous Goods (IDG)</b>
FedEx International First	No	No
FedEx International Priority	Yes	Yes
FedEx International Economy	Yes (except to PR)	Yes
FedEx International Priority DirectDistribution	No	Yes
FedEx International Priority Freight	Yes	Yes
FedEx International Economy Freight	Yes (except to PR)	Yes
FedEx International Priority DirectDistribution Freight	No	Yes
FedEx International Premium	Yes	Yes
FedEx International Express Freight	Yes	Yes

<b>International Services From Non-U.S. Origins</b>	<b>Accessible Dangerous Goods (ADG)</b>	<b>Inaccessible Dangerous Goods (IDG)</b>
FedEx International First	Yes	Yes*
FedEx International Priority	Yes	Yes
FedEx International Economy	No	Yes (from Canada and Puerto Rico to the U.S. only)
FedEx International Priority DirectDistribution	No	Yes
FedEx International Priority Freight	Yes	Yes
FedEx International Economy Freight	No	No
FedEx International Priority DirectDistribution Freight	No	Yes
FedEx International Premium	Yes	Yes
FedEx International Express Freight	Yes	Yes

\*Except Class 7 Radioactive materials.