

LITHIUM BATTERY COURSE SYLLABUS

GENERAL INFORMATION

DESCRIPTION

Our Lithium Battery specific webinar training course is designed to focus on the general knowledge of the rules and regulations involving the air and ground transportation of lithium batteries, and how to utilize the regulations when preparing compliant lithium battery shipments for transport under DOT/49CFR and IATA regulations.

The training course will guide attendees through general lithium battery requirements, exceptions as well, as providing step-by-step procedures on how to classify, package and ship lithium batteries alone, in-equipment, or with equipment.

EXPECTATIONS AND GOALS

This course will provide the requisite understanding and general principles behind the required training topics in the 49 CFR and IATA, including general awareness and majority of function-specific training. The successful completion of the our webinar will provide a certificate of completion and an email with test results. External webinars/trainings such as ours will not provide a turnkey certification, only the employer can determine certification, since our training program only covers half of the requirements needed for a compliant shipping program. The areas our training will not be able to cover include security awareness and safety training. We show the participants what the requirements are and where it is stated in the regulations, but we cannot dictate to organizations how they will comply with those requirements as they tend to be very facility specific.

This course will also provide an overview of UPS specific policies regarding the transport of lithium batteries.

*No prior knowledge and hazmat experience is required to complete this course.

COURSE MATERIALS

REQUIRED MATERIALS

- » UPS Hazardous Materials Service Comparison – North America, reference
- » Preparing UPS Small Parcel Hazardous Materials Shipments, reference
- » U.S. Domestic Surface & Air Transportation Summary Tables, reference

REQUIRED TEXT

- » **49CFR PARTS 100 -177**, 2022, Department of Transportation
- » **49CFR PARTS 178-199**, 2022, Department of Transportation
- » **IATA 65th Edition DGR MANUAL**, 2024
- » **UPS LITHIUM BATTERY PARTICPANT WORKBOOK**, 2024, UPS (Combo DOT & IATA Versions)
- » **UPS LITHIUM BATTERY RESOURCE GUIDE**, 2024, UPS (Combo DOT & IATA Versions)

* Everything students will need to complete the course will be provided the in their UPS Hazardous Materials Seminar Kits.

COURSE SCHEDULE – PRIVATE AND/OR PUBLIC

	Course Materials	Day 1 – 49CFR	Day 2 - IATA
DOT/49CFR	Introduction to the Basics 49CFR	✓	
	UPS Chemical Table	✓	
	Lithium Battery General Requirements	✓	
	Communication (Marking, Labeling and Documentation)	✓	
	Shipping Lithium Batteries (49 CFR 173.185)	✓	
IATA/ICAO	Introduction to IATA		✓
	Identification		✓
	Limitations		✓
	Lithium Battery Packaging/Packing Instructions		✓
	Communication (Marking, Labeling, and Documentation)		✓

TEST ASSESMENT

	Subject
	DOT Comprehensive Test – Lithium Batteries
	IATA Comprehensive Test – Lithium Batteries

ADDITIONAL INFORMATION AND RESOURCES

This course is designed with our customers in mind. If you have any questions about our seminars, please email us at dgseminars@ups.com