

CERTIFICATE OF COMPLETION

This certificate awarded to

Thomas Barra

for satisfactory participation in

Shipping Batteries (IATA and DOT)

49 CFR 172.704 and IATA DGR Section 1.5 - 2 Contact Hour(s)

Certificate 109475 awarded on July 8, 2020.



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Joni White

Eduwhere

Shipping Batteries (IATA and DOT)

Orchid Electronics Inc

Completion Date: Jul 8, 2020 -- CertificateID: 109475 -- Email: tj@orchidelect.com -- Username: TBARRA

Exam ID	Date	Correct	Incorrect	Score
1	Jul 8, 2020 - 11:34:35 AM EDT	3	0	100
2	Jul 8, 2020 - 03:39:38 PM EDT	3	0	100
3	Jul 8, 2020 - 03:37:36 PM EDT	3	0	100

This document is to certify that Thomas Barra has been successfully trained and tested on the transportation of hazardous materials in accordance with the requirements of the US Department of Transportation Title 49 CFR 172 Subpart H. This includes the use of the Hazardous Materials Table, Classification, Packaging, Marking, Labeling, Placarding, Shipping Papers, and Security.

This document is to certify that Thomas Barra has been successfully trained and tested on the transportation of dangerous goods in accordance with the requirements of the IATA Dangerous Goods Regulations Section 1.5. This includes the use of the DGR List of Dangerous Goods, Classification, Packaging, Marking, Labeling, Shipping Documentation, and Security.

Employer Certification Date

Overview: This course provides detailed information on how to properly ship batteries by both ground (DOT) and air (IATA). Due to heightened concerns about battery safety, there are new regulations regarding lithium batteries and an increased emphasis on inspections and compliance. Our course will assist you in satisfying regulatory training requirements and teach you how to safely package batteries for transport.

This course is updated to include the 2019 IATA changes to the lithium battery requirements.

This course is designed to meet the training requirements for both ground transportation (49 CFR 172.704) and transport by air (IATA Section 1.5). We cover the specific requirements for:

- lithium-ion and lithium metal batteries;
- dry batteries (alkaline, Ni-Cd, etc.);
- wet batteries (lead-acid, lead-alkali, non-spillable);
- battery-powered vehicles and equipment.

Batteries containing sodium are not discussed in this course.

The Hazardous Materials Regulations (HMR; 49 CFR parts 100-185) include provisions for packaging, hazard communication (package marking, labeling, and shipping papers), and handling batteries and battery-powered devices. The purpose of these regulations is to protect the safety of people and property when batteries and battery-powered devices are being shipped. This course covers the training requirements for shipping batteries, including selecting the proper shipping name, marking and labeling, selecting proper packaging, and preparing shipping papers.

Objectives: Upon completion of this online course, participants should be able to: · understand and use the DOT and IATA regulations specific to shipping batteries; · properly label and mark containers of batteries for shipment; · complete Shipper's Declaration, Airway Bill, or Bill of Lading for battery shipments; · select proper packaging for batteries;

Topics: · Intro to DOT and IATA Regulations · Training Requirements · Penalties · Reporting Requirements · Types of Batteries · Battery-Specific Requirements · Selection of Proper Shipping Name · Marking and Labeling · Documentation (Shipping Papers) · Security Awareness Training

Who: This training applies to any individual who; · Marks, labels, or otherwise prepares containers or packagings of batteries for transportation by ground or air; · Prepares documentation (Shipper's Declaration, Airway Bill, Bill of Lading) for batteries; · Is responsible for safety of transporting batteries by ground or air;

Credit: 2 Contact Hours · *PDH:* 0.0

Training Citation: 49 CFR 172.704 and IATA DGR Section 1.5 · **Training Refresher Required:** Every 2 year(s).

Instructor: Linda R. Taylor, PE

Training provided by Eduwhere. · P.O. Box 4704 · Chapel Hill, NC · 27515 · T: 919.246.4847 · www.eduwhere.com · info@eduwhere.com



07/08/20

Eduwhere Training Representative

Date