

Public

- Personnel responsible for shipping cells and batteries by road and sea

Pre-requisites

- None

Admission requirements

- None other than the pre-requisites

Training length

- 7 hours

Number of participants

- 10 participants maximum

Learning methods and modalities

- Face to face
- In English
- Participants must have transport regulations: IMDG code, ADR and the French “arrêté TMD” up to date
- Alternation of face-to-face sessions, individualization, independent activities, and educational games

Trainers' skills

- Trainers who are experts in the Dangerous Goods field and have completed a pedagogical qualification program

Documents issued

- Training certificate

Disabled candidates may contact the local disability officer for accessibility options

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ADR/IMDG – Sending cells and batteries by road and sea

Main goals of this training

- ◆ Identify the risks associated with lithium and sodium batteries and other types of batteries
- ◆ Apply regulations for the transport of hazardous materials by road and sea during the shipment of batteries

The benefits of the training



- ◆ Innovative way of training people
- ◆ An active and interactive training with practical cases
- ◆ A dedicated booklet will be given to trainees

Evaluation of learning achievements

- ◆ Ongoing assessment through practical exercises

Achievement

- ◆ Certificate of completion provided to the participant according to chapter 1.3 of the applicable ADR and IMDG code
- ◆ Level : 5
- ◆ Possibility of validating one or more competency blocks: not applicable
- ◆ Equivalencies, pathways, career opportunities: not applicable
- ◆ RCNP/RS codes: Not registered
- ◆ Certification Info code: Not eligible

SYLLABUS

SEQUENCE	OBJECTIVE	DURATION
0	Identify the objectives and steps of the training	/
▪ Verification of prerequisite requirements ▪ Introduction to the center, the teaching team, and the available resources ▪ Presentation of the training program ▪ Practical arrangements ▪ Roundtable introduction		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set

SEQUENCE	OBJECTIVE	DURATION
1	Understand the regulatory context for the transport of hazardous materials by road and sea	Duration varies depending on the participants' needs
▪ Presentation of the regulatory context : - ADR - « Arrêté TMD » - IMDG code - Division 411 (French regulation)		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
2	Identify the risks associated with hazardous materials	Duration varies depending on the participants' needs
▪ Raising awareness of the risks of hazardous materials : - Risks associated with lithium/sodium batteries or any other types		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
3	Explain the classification and identification of batteries considered as hazardous materials and battery-powered vehicles	Duration varies depending on the participants' needs
▪ Classification and identification of batteries : - Definitions - UN3090 / UN3091 / UN3480 / UN3481 / UN3551 / UN3552/ UN2794/ UN2795/ UN2800/ UN3038/ UN3496/ UN3556/ UN3557/ UN3558/ UN3171 / UN3536		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
4	Exemptions in road transport	Duration varies depending on the participants' needs
▪ Exemptions : - Full exemptions - Special provisions (SP 188, SP 400) - Marking exemption		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
5	Understand the requirements of packaging according to ADR	Duration varies depending on the participants' needs
▪ Full application of ADR : - Packing instructions - Mixed package - UN markings on certified packaging - Labeling - Overpack ▪ Special cases - Waste - Prototypes - Damaged or defective batteries - Batteries in an object with other DG		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
6	Apply the requirements for partial exemption transports	Duration varies depending on the participants' needs
- Partial exemption 1.1.3.6 : - Principle - Exercises		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources Exercises

SEQUENCE	OBJECTIVE	DURATION
7	Explain the training requirements	Duration varies depending on the participants' needs
- Training programs : 1.3 training		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
8	Identify the mandatory documents in ADR & IMDG	Duration varies depending on the participants' needs
- Onboard documents : - Transport document - Waste documents - Instructions in writing - Drivers' training certificate - Packing certificate		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
9	Define the requirements for loading, unloading and handling	Duration varies depending on the participants' needs
- Checking the transport units : - Segregation rules: ADR and IMDG code - Placarding and marking the transport vehicle - Equipment on board		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
10	Identify the applicable recommendations related to security	Duration varies depending on the participants' needs
General provisions		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
11	Identify the obligations of the various participants in the transport chain	Duration varies depending on the participants' needs
- Responsibilities and obligations of: - The consignor - The packer - The loader - The freight forwarder - The company		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set Pedagogical resources

SEQUENCE	OBJECTIVE	DURATION
12	Review and summary of the training	/
- Assessment - Summary - Customer satisfaction evaluation		EDUCATIONAL AND TECHNICAL RESOURCES Room equipped with multimedia set