

PROFESSIONAL DEVELOPMENT PROGRAM

"Loading and unloading activities in relation to dangerous goods in railway transport"

Duration: 40 hours

Mode: off-the-job training

№	Topics
1	International regulation of the transport of dangerous goods by various modes of transport
1.1	Introduction. UN Recommendations on the Transport of Dangerous Goods
1.2	The main international and national regulations governing the transport of dangerous goods by rail and related modes of transport
1.3	The structure and main content of the UN Model Regulations on the Transport of Dangerous Goods
2	Classification, packaging and marking of dangerous goods, including chemicals
2.1	Classification of dangerous goods
2.2	Packing and packaging of dangerous goods
2.3	Marking and danger signs
2.4	Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
2.5	Requirements for high-capacity containers for the transport of dangerous goods
3	Transportation of dangerous goods and loading and unloading activities applicable to them in rail and related modes of transport
3.1	Transportation of dangerous goods by rail
3.2	Requirements for facilities and equipment used in the transport of dangerous goods and loading and unloading activities applicable to them in rail transportation
3.3	Transportation of dangerous goods by sea and inland waterway transport
3.4	Transportation of dangerous goods by road
3.5	Transport documents
3.6	Licensing of loading and unloading activities in relation to dangerous goods in rail transport
4	Safety during transportation, handling and storage of dangerous goods
4.1	Risk management during transportation of dangerous goods
4.2	Safety responsibilities of participants in the transportation of dangerous goods
4.3	Actions of personnel in the event of emergency situations and the elimination of their consequences
4.4	Requirements for explosion-proof equipment, types of protection
4.5	Personal protective equipment used when working with dangerous goods
4.6	First aid to persons exposed to damaging effects of hazardous substances
4.7	Occupational safety in rail transport
Final assessment	