

Annex 10. Topics for consideration in a training programme

Topics to be included in a training programme	
1	<p>Consequences of badly packed and secured cargo</p> <ul style="list-style-type: none"> • Injuries to persons and damage to the environment • Damage to all means of transport and CTUs • Damage to cargo • Economic consequences
2	<p>Liabilities</p> <ul style="list-style-type: none"> • Different parties involved in cargo transport • Legal responsibility • Goodwill responsibility • Quality assurance
3	<p>Forces acting on the cargo during transport</p> <ul style="list-style-type: none"> • Road transport • Rail transport • Sea transport
4	<p>Basic principles for cargo packing and securing</p> <ul style="list-style-type: none"> • Prevention from sliding • Prevention from tipping • Influence of friction • Basic principles for cargo securing • Dimensions of securing arrangements for combined transport
5	<p>CTUs - types</p> <ul style="list-style-type: none"> • Freight containers • Flats • Swap bodies • Road vehicles • Rail cars/wagons
6	<p>Cargo care consciousness and cargo planning</p> <ul style="list-style-type: none"> • Choice of transport means • Choice of CTU type • Check of CTU prior to packing • Cargo distribution in CTUs • Requirements from the receiver of cargo regarding cargo packing • Condensation risks in CTUs • Symbols for cargo handling
7	<p>Different methods for cargo packing and securing</p> <ul style="list-style-type: none"> • Lashing • Blocking and bracing • Increasing friction
8	<p>Safe handling of packages</p> <ul style="list-style-type: none"> • Manual handling • Mechanical handling devices • Personal protective equipment
9	<p>Equipment for securing and protection of cargo</p> <ul style="list-style-type: none"> • Fixed equipment on CTUs • Reusable cargo-securing equipment • One-way equipment • Inspection and rejection of securing equipment

10	<p>On completion of packing</p> <ul style="list-style-type: none"> • Closing the CTU • Marking and placarding • Documentation • Verifying gross mass
11	<p>Packing and securing unitized cargo</p> <ul style="list-style-type: none"> • Cases • Palletized cargoes • Bales and bundles • Bags on pallets • Big bags • Slabs and panels • Barrels • Pipes • Cartons
12	<p>Packing and securing of non-unitized cargo</p> <ul style="list-style-type: none"> • Different types of packaged cargoes packed together • Packing of heavy and light cargoes together • Packing of rigid and non-rigid cargoes together • Packing of long and short cargoes together • Packing of high and low cargoes together • Packing of liquid and dry cargoes together
13	<p>Packing and securing of paper products</p> <ul style="list-style-type: none"> • General guidelines for the packing and securing of paper products • Vertical rolls • Horizontal rolls • Sheet paper on pallets
14	<p>Packing and securing of cargo requiring special techniques</p> <ul style="list-style-type: none"> • Steel coils • Cable drums • Wire rolls • Steel slabs • Steel plates • Big pipes • Stone blocks • Machines
15	<p>Packing and securing of dangerous cargoes</p> <ul style="list-style-type: none"> • Regulations for the transport of dangerous goods • Definitions • Packing regulations • Packing, separation and securing • Labelling and placarding • Information transfer when transporting dangerous cargoes • Liabilities