

## IMDG Code Training

### Function specific training requirements

	<b>Function</b>	<b>Specific Training Requirements</b>	<b>Includes these people</b>
<b>F1</b>	Classify dangerous goods and identify Proper Shipping Name	Classification requirements, in particular: <ul style="list-style-type: none"> <li>• the structure of the description of substances</li> <li>• the classes of dangerous goods and the principles of their classification</li> <li>• the nature of the dangerous substances and articles transported (their physical, chemical and toxicological properties)</li> <li>• the procedure for classifying solutions and mixtures</li> <li>• identification by Proper Shipping Name</li> <li>• use of Dangerous Goods List</li> </ul>	People who decide whether products are dangerous goods or not, usually employed by <ul style="list-style-type: none"> <li>• Manufacturers of dangerous goods</li> <li>• Companies who reclaim wastes</li> <li>• Industrial chemists</li> <li>• Mining companies</li> <li>• Tank farms</li> <li>• Oil companies</li> <li>• Gas companies</li> <li>• Chemical companies</li> </ul>
<b>F2</b>	Pack dangerous goods	<ul style="list-style-type: none"> <li>• Classes</li> <li>• Packaging requirements               <ul style="list-style-type: none"> <li>• type of packages (IBC, large packaging, tank container and bulk container)</li> <li>• UN marking for approved packagings</li> <li>• segregation requirements</li> <li>• limited quantities and excepted quantities</li> </ul> </li> <li>• Marking and labelling</li> <li>• First aid measures</li> <li>• Emergency response procedures</li> <li>• Safe handling procedures</li> </ul>	People who put dangerous goods into packages, tanks and bulk containers, usually employed by: <ul style="list-style-type: none"> <li>• Manufacturers</li> <li>• Wholesalers who package or repackage goods</li> <li>• Tank farms</li> <li>• Gas companies</li> <li>• Mining companies</li> <li>• Oil companies</li> <li>• Chemical companies</li> <li>• People who palletise dangerous goods</li> </ul>

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<b>F3</b>	Mark, label or placard dangerous goods	<ul style="list-style-type: none"> <li>• Classes</li> <li>• Marking, labelling and placarding requirements               <ul style="list-style-type: none"> <li>• primary and subsidiary risk labels</li> <li>• marine pollutants</li> <li>• limited quantities and excepted quantities</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Everyone listed above who packs dangerous goods</li> <li>• Everyone listed below who packs containers, trucks or tanks</li> </ul>
<b>F4</b>	Load/unload cargo transport units	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• Classes</li> <li>• Marking, labelling and placarding</li> <li>• Stowage requirements, where applicable</li> <li>• Segregation requirements</li> <li>• Cargo securing requirements (as contained in the IMO/ILO/UN ECE guidelines)</li> <li>• Emergency response procedures</li> <li>• First aid measures</li> <li>• CSC requirements</li> <li>• Safe handling procedures</li> </ul>	<ul style="list-style-type: none"> <li>• Anyone who loads, or supervises the loading of dangerous goods into a Cargo Transport Unit (CTU). A CTU includes a road freight vehicle, a railway freight wagon, a freight container, a road tank vehicle, a railway tank wagon or a portable tank where these are to be carried by sea.</li> </ul>
<b>F5</b>	Prepare transport documents for dangerous goods	<ul style="list-style-type: none"> <li>• Documentation requirements               <ul style="list-style-type: none"> <li>• transport document</li> <li>• container/vehicle packing certificate</li> <li>• competent authorities' approval</li> <li>• waste transport documentation</li> <li>• special documentation, where appropriate</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Anyone who produces and/or signs a multimodal dangerous goods form (often called an MO41). This documentation could be for a single package, a tank or FCL or a consolidated container.</li> <li>• Anyone who produces and/or signs a container packing certificate</li> </ul>

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<b>F6</b>	Offer dangerous goods for transport	<ul style="list-style-type: none"> <li>• Thorough knowledge of the IMDG Code</li> <li>• Local requirements at loading and discharge ports               <ul style="list-style-type: none"> <li>• port byelaws</li> <li>• national transport regulations</li> </ul> </li> </ul>	<p>Anyone who books dangerous goods for transport by sea, either directly or through a forwarding agent. Includes employees of:</p> <ul style="list-style-type: none"> <li>• Manufacturers, exporters, wholesalers and retailers of dangerous goods</li> <li>• Freight forwarders, forwarding agents and consolidators</li> </ul> <p>The above includes office staff who may not physically see or handle the dangerous goods in question.</p>
<b>F7</b>	Accept dangerous goods for transport	<ul style="list-style-type: none"> <li>• Thorough knowledge of the IMDG Code</li> <li>• Local requirements at loading, transiting and discharge ports               <ul style="list-style-type: none"> <li>• port byelaws, in particular quantity limitations</li> <li>• national transport regulations</li> </ul> </li> </ul>	<p>Anyone who accepts dangerous cargo bookings, including employees of</p> <ul style="list-style-type: none"> <li>• Shipping lines</li> <li>• Consolidators</li> <li>• Freight forwarders</li> <li>• Forwarding agents</li> </ul> <p>The above includes office staff who may not physically see or handle the dangerous goods in question</p>

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<b>F8</b>	Handle dangerous goods in transport	<ul style="list-style-type: none"> <li>• Classes and their hazards</li> <li>• Marking, labelling and placarding</li> <li>• Emergency response procedures</li> <li>• First aid measures</li> <li>• Safe handling procedures such as               <ul style="list-style-type: none"> <li>• use of equipment</li> <li>• appropriate tools</li> <li>• safe working loads</li> </ul> </li> <li>• CSC requirements, local requirements at loading, transit and discharge ports</li> <li>• Port byelaws, in particular, quantity limitation</li> <li>• National transport regulations</li> </ul>	<p>Anyone who physically handles packages containing dangerous goods in transport. Includes employees of:</p> <ul style="list-style-type: none"> <li>• Companies that transport packed dangerous goods to the wharf</li> <li>• Companies that pack dangerous goods and load/unload trucks, tanks and containers</li> <li>• Stevedores</li> </ul> <p>(Truck drivers are covered by "carry dangerous goods". This training is likely to be covered by State legislated training)</p>
<b>F9</b>	Prepare dangerous goods loading/stowage plans	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• Classes</li> <li>• Stowage requirements</li> <li>• Segregation requirements</li> <li>• Document of compliance</li> <li>• Relevant IMDG Code parts, local requirements at loading, transit and discharge ports</li> <li>• Port byelaws, in particular, quantity limitations</li> </ul>	<ul style="list-style-type: none"> <li>• Persons who prepare loading and stowage plans for ships, usually employed by shipping lines or stevedoring companies, but may also be employed by exporters of dangerous goods or charterers of ships</li> </ul>

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<b>F10</b>	Load/unload dangerous goods into/ from ships.	<ul style="list-style-type: none"> <li>• Classes and their hazards</li> <li>• Marking, labelling and placarding</li> <li>• Emergency response procedures</li> <li>• First aid measures</li> <li>• Safe handling procedures such as               <ul style="list-style-type: none"> <li>• use of equipment</li> <li>• appropriate tools</li> <li>• safe working loads</li> </ul> </li> <li>• Cargo securing requirements</li> <li>• CSC requirements, local requirements at loading, transit and discharge ports</li> <li>• Port byelaws, in particular, quantity limitation</li> <li>• National transport regulations</li> </ul>	<ul style="list-style-type: none"> <li>• People who physically load and unload dangerous goods on and off ships, usually employed by stevedoring companies</li> </ul>

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	<b>Function</b>	<b>Specific Training Requirements</b>	<b>Includes these people</b>
<b>F11</b>	Carry dangerous goods	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• Classes</li> <li>• Marking, labelling and placarding</li> <li>• Stowage requirements, where applicable</li> <li>• Segregation requirements</li> <li>• Local requirements at loading, transit and discharge ports               <ul style="list-style-type: none"> <li>• port byelaws, in particular, quantity limitations</li> <li>• national transport regulations</li> </ul> </li> <li>• Cargo securing requirements (as contained in the IMO/ILO/UN ECE guidelines)</li> <li>• Emergency response procedures</li> <li>• First aid measures</li> <li>• CSC requirements</li> <li>• Safe handling procedures</li> </ul>	<ul style="list-style-type: none"> <li>• Employees of shipping companies that carry dangerous goods onboard ships</li> <li>• Truck drivers transporting dangerous goods, however, this training is likely to be covered by State legislated training</li> </ul>