

OFI712

## Advanced Fire Training

<b>Duration</b>	5 days
<b>Target group</b>	This course is aimed at emergency response team members appointed to control fire-fighting operations and officers who wish to qualify for a Certificate of Competency.
<b>Prerequisites</b>	The course is open to seafarers who have completed basic training in fire prevention. All trainees must be certified by a doctor to be in good health.
<b>Objective</b>	The object of the training is to deliver all required elements of STCW Advance Fire Fighting Training delivered in both theoretical and practical in accordance with section A-VI/3 of the STCW code. The emphasis of the training is in organization, tactics and command.
<b>Contents</b>	<p>Delegates will undergo practical and theoretical instruction and assessment in the following 5 modules.</p> <p>Competence for day 1: Control fire-fighting operations aboard ship</p> <p>Knowledge, understanding and proficiency and practical exercise</p> <p>Introduction, safety and principles</p> <p>Areas of fire hazards</p> <p>Fire precautions</p> <p>Dry distillation</p> <p>Chemical reactions</p> <p>Boiler uptake fires and exhaust fires in prime movers and auxiliary exhausts</p> <p>Fires in water-tube boilers</p> <p>Tactics and procedure of fire control while ship is at sea</p> <p>Tactics and procedure of fire control while ship is in port</p> <p>Tactics and procedure of fire control while ship is carrying dangerous goods</p> <p>Tactics and procedure of fire control for oil, chemical and gas tanker</p> <p>Use of water for fire extinguishing, the effect on stability, precautions and corrective procedures</p> <p>Communication and co-ordination during fire-fighting operation</p> <p>Ventilation control including smoke extractor</p> <p>Control of fuel and electrical systems</p> <p>Fire precaution and hazards associated with the storage and handling of materials (paints etc.)</p> <p>Management and control of injured persons</p> <p>Procedures for co-ordination with shore-based fire fighting</p> <p>Competence for day 2: Organize and train fire parties</p> <p>Knowledge, understanding and proficiency and practical exercise</p> <p>Preparation of contingency plans</p> <p>Composition and allocation of personnel to fire parties</p> <p>Training of seafarers in fire-fighting</p>

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Fire control plans  
Organization of fire and abandon ship drills  
Strategies and tactics for control of fire in various parts of the ship  
Competence for day 3: Inspect and service fire detection and extinguishing systems and equipment  
Fire alarms  
Fire detection equipment  
Fixed fire-extinguishing equipment  
Fire main, hydrants, hoses, nozzles and pumps  
Portable and mobile fire extinguishing equipment including appliances  
Firefighter's outfit and another personal protective equipment  
Rescue and life support equipment  
Salvage equipment  
Communication equipment  
Requirements for statutory and classification surveys  
Competence 4: Investigate and compile reports on incidents involving fire  
Knowledge, understanding and proficiency and practical exercise  
Fire investigation and reporting  
Trainee's experience of fire on ships  
Documented reports of fires on ships and lessons learned  
Review and Assessment  
Competence 5: Investigate and compile reports on incidents involving fire  
Knowledge, understanding and proficiency and practical exercise  
Fire investigation and reporting  
Trainee's experience of fire on ships  
Documented reports of fires on ships and lessons learned  
Review and Assessment

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**Exam**

On completion of this course, a written assessment will be taken.