

| Lesson | Time (mins) | Theory (T) Practical (P) Discussion (D) | Subject |
|--------------------------------|-------------|---|---|
| 1 | 10 | T / D | Introductions |
| 2 | 80 | T / D | <ul style="list-style-type: none"> Recognise potential dangerous enclosed spaces aboard a vessel Introduction Definition of a dangerous or confined or enclosed space Relevant international and national requirements and recommendations Recognition of potentially dangerous enclosed spaces Examples of reasons for enclosed space entry by crew and non-crew personnel Crew training Record keeping of actual enclosed space entries as well as entry and rescue drills Case histories of enclosed space entry accidents, covering a range of enclosed spaces and of an enclosed space within an enclosed space Atmosphere hazards including but not limited to lack of oxygen due to corrosion or chemical absorption, inert gas or toxic cargo vapours, fumes, painting, cleaning or other maintenance work, decomposition of cargoes or stores, flammable atmospheres, noise & temperature Slip and trip hazards |
| Refreshment break – 15 minutes | | | |
| 2 | 40 | T / D | Recognise potential dangerous enclosed spaces aboard a vessel (continued) |
| 3 | 20 | T / D | <ul style="list-style-type: none"> Enclosed / dangerous space documentation Risk assessment of typical enclosed spaces Action plan Permits to Work including hot and cold work precautions |
| 4 | 20 | T / P / D | <ul style="list-style-type: none"> Carry out the safe testing of an atmosphere prior to enclosed space entry using typical industry test equipment, including knowledge of its maintenance & testing/calibration requirements Atmosphere testing equipment typically available on board a vessel, its limitations and appropriate testing sequence (e.g. O2, explosive limits, Toxin), including practical use, maintenance and record keeping |

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| | | | <ul style="list-style-type: none"> Monitoring |
| 5 | 15 | T / D | <ul style="list-style-type: none"> Carry out safety attendant role Control of entry into enclosed spaces Safe route planning Resuscitation equipment Rescue equipment (stretcher; rope) |
| Lunch break – 30 minutes | | | |
| 6 | 95 | T / P / D | <ul style="list-style-type: none"> Carry out a safe enclosed space entry; Carry out a self-rescue from an enclosed space The processes for enclosed space entry, making the space safe for entry, maintaining the space safe for work, ensuring safe access and a plan for rescue Duties of personnel during enclosed space entry Isolation of services Ventilation, including positive, negative and natural ventilation, limitations and blocking structures Personal protective equipment, respiratory protective equipment SCBA, ELSA and other enclosed space entry equipment (Escape equipment) Communications including emergency procedures Lighting Rescue from enclosed spaces Duties of personnel during enclosed space rescues Simulated enclosed space entry including completion of a Permit to Work, use of atmosphere test equipment, ventilation, controlled entry, communications and supervision Simulated self-rescue from an enclosed space using ELSA (or other relevant EEBD) |
| Refreshment break – 15 minutes | | | |
| 7 | 140 | T / P | <ul style="list-style-type: none"> Practical session on checking and using equipment for entry into an enclosed or confined space Written and practical assessments End of course evaluation |
| End of Course | | | |