

PSCO Questionnaire

PSCOs will verify that the crew is familiar with enclosed space entry and ensure that effective procedures and measures are in place for the safety of the seafarers onboard.

☐ Q1. Are there measures in place to test the atmosphere of an enclosed space to confirm it is safe to enter? SOLAS Ch.III, Reg. 19.3.6.2.3

☐ a. Atmospheric testing equipment is suitable in measuring and determining the acceptable levels of oxygen and flammable or toxic gases

☐ b. Atmospheric testing equipment is in good order, properly calibrated and evidence kept on board.

☐ c. Atmospheric testing equipment is serviced in accordance with the manufacturer's instructions.

☐ d. If testing equipment not provided on board, ensure that other suitable procedures are in place in the SMS among the key shipboard operations.

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☐ Q2. Are crew members responsible for testing the atmosphere in enclosed spaces trained in the use of the equipment referred to in Q.1?

☐ a. Records of crew trained in the use of testing equipment to be readily available for inspection.

☐ b. Manufacturer's instructions for the testing equipment are available onboard.

☐ c. Persons responsible shall have knowledge of the operation of the equipment and are aware of limitations in testing the equipment.

☐ d. Persons responsible are also familiar with hazards associated with the ship type or cargo.

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☐ Q3*. Are the crew members familiar with the arrangements of the ship, as well as the location & operation of any onboard safety systems or appliances that

☐ they may be called upon to use for enclosed space entry?
- SOLAS, Ch. II-2/ Reg. 15.2.2

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☐ a. Crew are aware of spaces identified as enclosed spaces for the purpose of entry as described in SMS.

☐ b. An enclosed space entry permit form includes all information as per the Appendix to the IMO Res. A.1050(27).

☐ c. Permit form is implemented in the SMS and issued by Master or the nominated responsible person.

☐ d. Permit form to be completed prior to entry by the personnel who enter the space.

☐ e. Crew familiar with the location and use of safety equipment that may be used for enclosed space entry and rescue (e.g. fire extinguishers, breathing apparatus, etc)

☐ d. An initial risk assessment has been carried out to identify all enclosed spaces onboard, and is periodically revised to ensure its continued validity.

☐ f. The risk assessment form to be duly signed and be attached to relevant permit.

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☐ Q4*. Are crew members responsible for enclosed space emergency duties, familiar with those duties? SOLAS 2013, Amend. Ch.III/Reg. 19

☐ a. Crew members are familiar with their assigned emergency duties as per muster list and be able to demonstrate them.

☐ b. SOLAS does not specifically require enclosed space emergencies to be identified on the muster list but,

☐ in the event of such emergency, duties should be clearly assigned.

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☐ Q5. Is the training manual available on board and its contents complete and customized to the ship? SOLAS 2006, Amend. Ch.III/Reg. 35

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☐ a. Crew must have knowledge where the training manual is located.

☐ b. The training manuals must be located in the crew mess and recreation rooms, or in each crew cabin.

☐ c. The training manual must be in the working language of the ship.

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☐ Q6*. Is there evidence on board that enclosed space entry and rescue drills are conducted in accordance with SOLAS Chapter III, Regulation 19?

☐ a. Drills to be conducted in accordance with relevant procedures and be documented as appropriate.

☐ b. Checklists, permits and risk assessment forms to be attached in drill's report.

☐ c. See also Q.9

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☐ Q7. Have the ship's crew participated in an enclosed space entry and rescue drill onboard the ship at least once every 2 months in accordance with

☐ - SOLAS Ch. III/ Regulation 19.3.3?

☐ a. Drills should be carried out once every two months as a minimum.

☐ b. Dates of enclosed space entry and rescue drills to be recorded in log book.

☐ c. When drills are not held at the appointed time, an entry shall be made in the log book stating the reason.

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☐ Q8*. Are crew members responsible for enclosed space entry aware of the associated risks?

☐ Responsible crew members should know and be aware of

☐ a. the safe levels of oxygen, flammable or toxic vapours

☐ b. unsafe atmosphere may occur in spaces adjacent to those spaces where a hazard is known to be present

☐ c. the limitations of any testing and need to continue monitoring the conditions for the duration of the entry.

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☐ Q9*. During the CIC, the PSCO is to observe an enclosed space entry and rescue drill. Did the drill comply with the requirements of SOLAS Ch.III, Reg. 19.3.6?

☐ a. The drill should be conducted in a safe area on the ship and in a safe manner.

☐ b. The proposed drill scenario must be credible and realistic in relation to the ship

☐ c. The drill shall include:

☐ - checking and use of personal protective equipment required for entry;

☐ - checking and use of communication equipment and procedures;

☐ - checking and use of instruments for measuring the atmosphere in enclosed spaces;

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☐ - checking and use of rescue equipment and procedures;

☐ - instructions in first aid and resuscitation techniques.

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☐ Q10: Is the ship detained as a result of a "NO" answer to any of the questions?

☐ PSCO may detain the ship as a result of a "NO" answer to questions with an asterisk (3, 4, 6, 8 & 9).

Approved by