

<i>UW Marine Ops SMS</i>	<i>Confined Space Entry</i>	<i>SMM 7.5.7</i>
Version 30 May 2012	Updated WJR, Approved DGR	Page 1 of 1

Responsibility: The primary responsibility for this procedure resides with the Master and the Chief Engineer.

Definition:

Confined space means a space that:

1. Is large enough and so configured that an employee can bodily enter and perform assigned work; and
2. Has limited or restricted means for entry or exit, (examples are, but not limited to, tanks, vessels, silos, storage bins, hoppers, vaults, and pits); and
3. Is not designed for continuous employee occupancy.

Permit required confined space means a confined space that has one or more of the following characteristics:

1. Contains or has a potential to contain a hazardous atmosphere; or
2. Contains a material that has the potential for engulfing an entrant; or
3. Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or
4. Contains any other recognized serious safety or health hazard.

Procedure: Prior to entering a Confined Space the following Confined Space checklist shall be completed.

Task: \_\_\_\_\_

PIC

Initials

- \_\_\_\_\_ The Master or his Designee has been notified of plans to enter the confined space and has identified all hazards.
- \_\_\_\_\_ Involved personnel have conducted a safety briefing prior to entry.
- \_\_\_\_\_ A safety person shall be briefed, and assigned to the entrance of the space while the space is manned.
- \_\_\_\_\_ Proper protective equipment necessary for the task is to be used.
- \_\_\_\_\_ Power sources to the space have been identified and locked out as necessary.
- \_\_\_\_\_ The space has been opened and properly ventilated prior to and during entry.
- \_\_\_\_\_ If the space to be entered has contained hydrocarbons, that space shall be certified as "safe for entry" by a Certified Gas Chemist or by the Chief Engineer.
- \_\_\_\_\_ Sufficient lighting and portable lighting for each person entering shall be provided.
- \_\_\_\_\_ Before entering, remotely test the space with the four gas monitor. The results should be as follows:  
O<sub>2</sub> – 20.9%      CO – 0%      LEL – 0%      H<sub>2</sub>S – 0%  
If readings are anything other than this, no one is to enter the space and the Master is to be informed.
- \_\_\_\_\_ The monitor shall be carried at all times while in the confined space.
- \_\_\_\_\_ Notify both Deck and Engineering Watch Officers when entering the space.
- \_\_\_\_\_ Upon completion, remove all equipment from the space, secure hatch, and notify both Deck and Engineering Watch Officers.

Date: \_\_\_\_\_

\_\_\_\_\_  
Person in Charge - print and sign

\_\_\_\_\_  
Chief Engineer - print and sign

\_\_\_\_\_  
Master - print and sign

Or this may be filled out electronically and submitted by email.

Documentation: Upon completion, this form shall be submitted to RTMAROPS for tracking and filing by the Port Captain.