

## Overview

This standard identifies the competences you need to carry out planned or corrective maintenance activities on electronic equipment and systems in yachts or boats, in accordance with approved procedures. You will be required to carry out maintenance activities on a range of electronic equipment, such as instrument systems, positioning systems, autopilot systems, communication systems and radar systems.

This will involve checking equipment and cables for signs of damage, replacing faulty units and checking and tuning the equipment, as appropriate, to maintain optimal operational performance. You will also be expected to apply a range of testing procedures in order to adjust the equipment correctly.

Your responsibilities will require you to comply with organisational policy and procedures for the electronic maintenance activities undertaken and to report any problems with these activities, or with the tools and equipment used, that you cannot personally resolve, or are outside your permitted authority, to the relevant people. You must ensure that all tools, equipment and materials used in the maintenance activities are removed from the work area on completion of the activities and that all necessary job/task documentation is completed accurately and legibly. You will be expected to work with a minimum of supervision, taking full responsibility for your own actions and for the quality and accuracy of the work that you carry out.

Your underpinning knowledge will provide a good understanding of your work and will provide an informed approach to applying appropriate maintenance procedures to yacht or boat \*\*electronic equipment and systems. You will understand the maintenance process and its application, in adequate depth to provide a sound basis for carrying out the activities to the required specification. In addition, you will be expected to report where the outcome identifies the need for further investigation or maintenance work.

You will understand the safety precautions required when carrying out the maintenance activities, especially those for isolating the equipment and taking the necessary safeguards to protect the equipment and associated systems. You will be required to demonstrate safe working practices throughout and will understand the responsibility you owe to yourself and others in the workplace

SEMME3212

Maintaining electronic equipment in yachts and boats



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## Performance criteria

*You must be able to:*