

Prepare, maintain & test response equipment

3. Clean, maintain and re-stow equipment

Question 1 (5 Marks)

List five areas of a rescue vessel that require cleaning after return from a rescue mission.

Deck
Widscreen
Anchor & chain
Hull
Propeller
Rudders
Trim tabs

Question 2 (5 Marks)

List five servicing items required on a rescue vessel after return from a rescue mission.

Check fuel
Check oil level
Check for ant engine leaks
Check coolant level
Check all electrical equipment and batteries turned off

Question 3 (5 Marks)

List five portable items of equipment that could be used in a Rescue Response.

Fire pump
Stretcher
Fire extinguisher
Jump leads
1st aid kit

Question 4 (2 Marks)

What PPE's should be available for the maintenance team?

Ear muffs
Eye protection
Overalls

Question 5 (5 Marks)

Describe the procedure your Squad would use to clean, repair and return to service some portable emergency lighting equipment damaged during a recent operation.

Consult Standard Operating Procedures

Read instruction manual

Take to correct servicing area

Service/clean as required

Return to stowage

Question 6 (5 Marks)

Describe four methods of maintaining records of the servicing of response equipment?

1. Verbal or written notes
2. White board
3. Loose leaf record sheet
4. Maintenance log
5. Computer data base

Which do you think is best, and say why?

Computer data base – It can be sorted easily, thus finding specific old records about previous servicing

1. Inspect response equipment**Question 7 (4 Marks)**

What do the following words mean?

Visual inspection - Equipment is examined thoroughly, without disassembling

Examination – Equipment is partially dismantled to inspect

Survey - Equipment may be fully dismantled and inspected by NSW Maritime and inspected or tested

Audit – All equipment is correct and catalogued according to our accreditation

Question 8 (2 Marks)

Name and describe the content of two documents that are useful in identifying missing parts.

Makers manual/instruction book

An Operational directive

2. Test response equipment

Question 9 (4 Marks)

What do the following words mean?

Testing – To put equipment under more pressure than would be required in normal use

Tagging – To label equipment to indicate SWL or when serviced

Tracking – Results are recorded and may be used to track servicing records

Isolating – Equipment that falls below standard may be isolated

Question 10 (4 Marks)

List four sources of specification standards useful for testing your Squads equipment.

Australian Standards

National Standards

State or Industry Standards

Manufacturer's Guidelines

Question 11 (2 Marks)

How does a proof test differ from a test to specification?

Proof testing tests equipment to destruction, specification testing only tests to normal requirements

Question 12 (2 Marks)

How would you maintain a record of tested items?

Reports

Record sheets or maintenance logs/sheets

Card system

Computer data base

Question 13 (4 Marks)

Describe the preparations and precautions for disassembling and reassembling a complex mechanical component.

Safety aspect – Disconnect power, wear safety clothing

Correct tools available

Have diagrams or instruction manual at hand

Mark equipment for re-assembly

Keep all small parts together according to where they are from and label accordingly

Ensure you have necessary skills to carry out the job

Re-assembly – Revers order, use manual, ensure parts are in correct position, absolute cleanliness, oil as required, tighten to correct torque settings.

Question 14 (1 Marks)

What precautions against pollution could be taken in the job of pressure washing the hull of a Rescue Vessel?

Use a barrier or a drain to carry off residue. Ensure overspray kept to a minimum.