



Australian Government

SFIFSH201 Assemble and repair damaged netting

Release: 1

SFIFSH201 Assemble and repair damaged netting

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to repair various types of damage that occurs to netting material used for fish or prawn trawls, purse seines, beach seines or gill nets. It includes the ability to prepare damaged netting material and use net repair tools.

This unit applies to individuals who undertake defined routine net mending activities under the direction of a supervisor.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Fishing Operations (FSH)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare netting material for repair	1.1 Select, check and use required personal protective equipment 1.2 Arrange netting material and organise repair tools to maximise job efficiency and safety 1.3 Identify material required for the repair operation by measuring

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	existing material or by reference to a gear plan 1.4 Remove damaged netting using net repair tools, and dispose of according to workplace and environmental requirements 1.5 Prepare retained netting ready to accept replacement 1.6 Shape and strengthen replacement netting with net repair tools according to the gear plan or supervisor instructions before being added to the net
2. Mend holes and rips using twine	2.1 Identify starting points and secure twine to the netting according to supervisor instructions 2.2 Use twine to tie knots that make meshes to resemble original netting 2.3 Secure twine at the end of the repair according to supervisor instructions
3. Mend large scale damage using netting material	3.1 Identify starting points and secure twine to the netting according to supervisor instructions 3.2 Join existing and replacement material using twine and knots to resemble original netting 3.3 Join existing and replacement material using twine and lacing to resemble original netting

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	- Interprets the abbreviations on a gear plan - Reads tables describing the effect of tapers on panel shape
Numeracy	- Calculates joining ratios - Counts meshes - Counts the ply of twine - Measures the diameter of twine

Skill	Description
Interact with others	Selects and uses appropriate terminology when communicating with supervisor
Get the work done	Makes routine decisions to correct simple and familiar problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIFSH201 Assemble and repair damaged netting	SFIFISH210C Assemble and repair damaged netting	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>

Assessment Requirements for SFIFSH201 Assemble and repair damaged netting

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has undertaken fishing netting repair for at least two different nets on at least one occasion, including:

- using the appropriate repair tools and techniques to prepare netting material for repair
- using the appropriate repair tools, twine handling and knotting, and knotting techniques for each of the following:
 - mending holes and rips
 - repairing large scale damage.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles of a gear plan and how it describes a net
- factors that contribute to an efficient, fast and safe net mending job
- measuring techniques for different types of netting
- order in which knots are tied to form netting material, including negative and positive knots to change lifts and impact of drag on fuel efficiencies
- safety practices for using net repair tools
- environmental requirements for disposing of damaged netting.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in a fully operational net repair area of a fishing operations workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment
 - different types of netting requiring repair
 - repair tools
- specifications:
 - workplace procedures for fishing netting repairs that include advice on health and safety and environmental requirements
- relationships:
 - evidence of interactions with supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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