

Modification history

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

SFIVOP211	Prepare for vessel maintenance
Application	<p>This unit of competency describes the skills and knowledge required to prepare resources and work area for maintenance of marine mechanical plant and systems, including auxiliary machinery, propulsion plant and service systems, such as LPG and fire hoses including associated pipework and fittings.</p> <p>This unit applies to individuals who maintain marine mechanical plant and systems on vessels used for aquaculture, fishing operations and fisheries compliance work where a maritime regulatory certification is not required.</p> <p>All work must be carried out to comply with workplace procedures, according to state/territory health and safety and environmental regulations, legislation and standards that apply to the workplace.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Vessel Operations (VOP)

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. Select and prepare resources	1.1 Check required materials correspond to the quantity and type as stated in the work instruction or standard operating procedures 1.2 Ensure selected equipment is serviceable and of the type and quantity required to carry out the specific task 1.3 Report any restrictions and variances to resources that may impede maintenance progress or require contingency or emergency response to supervisor 1.4 Handle, store and secure material and equipment according to workplace procedures
2. Identify and prepare the work area	2.1 Confirm work area, machinery and equipment as being safe for work to proceed according to regulatory, workplace health and safety and workplace requirements 2.2 Check work area is appropriate to the operational requirements of the work instruction 2.3 Ensure work area is accessible and free from obstruction for receiving and storing materials and resources needed for the work to proceed 2.4 Confirm specifications, containment strategies, plans, materials and equipment are available at the workplace according to schedule and workplace procedures

Foundation Skills	
<i>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.</i>	
Skill	Description
Numeracy	<ul style="list-style-type: none"> Calculate and measure quantities of materials
Reading	<ul style="list-style-type: none"> Interpret maintenance requirements from work instructions Interpret regulatory on board requirements
Navigate the world of work	<ul style="list-style-type: none"> Follow workplace procedures and safety requirements relevant to own role and responsibilities Understand main tasks, responsibilities and boundaries of own role
Interact with others	<ul style="list-style-type: none"> Communicate about operational and safety observations with relevant persons according to workplace requirements Select and use appropriate terminology and questions when communicating with others about plant and equipment maintenance requirements
Get the work done	<ul style="list-style-type: none"> Make routine decisions to correct simple and familiar problems Identify and prepare tools, equipment and resources

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFIVOP211 Prepare for vessel maintenance	SFISHIP211C Prepare for maintenance	Updated to meet Standards for Training Packages. Title change for clarity of unit intent.	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273
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TITLE	Assessment requirements for SFIVOP211 Prepare for vessel maintenance
Performance Evidence	
<p>An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has prepared resources and work area to carry out maintenance work on a vessel and its equipment on at least one occasion including:</p> <ul style="list-style-type: none"> • preparing materials for work • preparing equipment for maintenance • reporting any restrictions and variances to resources • preparing the equipment and area to be worked on to a suitable condition to commence maintenance • storing resources and dismantling machinery and systems in the work area • applying regulatory and workplace health and safety requirements. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • regulatory and health and safety requirements as they apply on board vessels, including: <ul style="list-style-type: none"> • code of safe working practices • entry into confined spaces • environmental protection • good vessel keeping practices • guarding of machinery • isolating systems • lifting equipment • marine safety regulations • personal protective equipment • safe movement on board ship • hazards and the precautions necessary to minimise risk associated with: <ul style="list-style-type: none"> • the work area, including consumables, the environment, and tools and maintenance equipment • preparing resources for maintenance • maintenance work • preferred resources, their availability and acceptable alternatives • procedures to apply when resources vary from maintenance requirements • strategies to minimise safety and environmental risks when preparing for maintaining vessels and their equipment 	
Assessment Conditions	
<ul style="list-style-type: none"> • Assessment of this unit of competency must take place under the following conditions: • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in an aquaculture, fishing operations or fisheries compliance workplace where vessels are used or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • maintenance tools and equipment • operational machinery and equipment • safety equipment • materials, spares and consumables • specifications: <ul style="list-style-type: none"> • service equipment and maintenance instructions • workplace procedures for maintaining marine mechanical plant and systems • manufacturer instructions for operating and servicing marine mechanical plant and systems. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	

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