Modification history

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

| SFICOM309 | Operate off-road vehicles with towed equipment |
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| Application | This unit of competency describes the skills and knowledge required to operate four-wheel drive vehicles with towed equipment in off-road conditions in a safe and effective manner. It includes the ability to carry out pre-operational checks, attach trailers, tie down loads, operate the vehicle, use four wheel drive capabilities and report or fix mechanical problems.  The unit applies to individuals who operate vehicles on sealed and off road environments, including boggy or sandy ground, creek or river crossing, ice or snow, obstructions, rugged terrain and tidal movement.  All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and environmental codes, regulations, legislation and standards that apply to the workplace. Licences will be required to operate off-road vehicles.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Compliance (CPL) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare vehicle for operation | 1.1 Select a vehicle to suit operational requirements  1.2 Complete preliminary check of the vehicle to ensure it is serviceable  1.3 Check equipment and accessories to ensure they are available and serviceable  1.4 Complete start-up checks according to jurisdictional procedures  1.5 Attach trailer and arrange and securely tie down loads according to jurisdictional procedures and legislative requirements  1.6 Determine vehicle route, taking into account vehicle limitations and safety of vehicle occupants, vehicle and any trailers and equipment attached to vehicle |
| 2. Drive the vehicle | 2.1 Drive vehicle in a defensive manner, taking into account vehicle limitations and the risk of damage to the environment, vehicle and any attached trailer, equipment, and the safety of vehicle occupants  2.2 Use vehicle’s high and low ration four wheel drive gearing and traction control capability in response to varying terrain conditions  2.3 Take appropriate measures where environmental factors immobilise or impede progress of vehicle |
| 3. Follow up vehicle usage | 3.1 Complete vehicle usage logs according to jurisdictional procedures and workplace requirements  3.2 Report or act upon mechanical problems and service requirements according to jurisdictional and workplace procedures  3.3 Park vehicle and leave it in a clean and tidy manner according to jurisdictional and workplace procedures |

| 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. | |
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| Skill | Description |
| Numeracy | * Monitor and interpret vehicle gauges and indicators |
| Writing | * Record vehicle operational data on paper based and/or electronic media |
| Interact with others | * Select and use appropriate terminology when communicating and reporting operational and safety information to relevant persons * Cooperate with others to rectify abnormal vehicle performance, emergencies, safety hazards and maintenance requirements |
| Get the work done | * Make decisions and problem solve relating to varying conditions; obstacles and immobilisation |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| SFICOM309 Operate off-road vehicles | SFICOMP310C Operate off-road vehicles | Updated to meet Standards for Training Packages | Equivalent unit |

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

| TITLE | Assessment requirements for SFICOM309 Operate off-road vehicles with towed equipment |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has safely driven an off-road vehicle on both sealed and off road environments on at least one occasion including:   * checking vehicle route and vehicles, equipment and accessories for operational serviceability * hitching, towing and manoeuvring a loaded trailer with an off-road vehicle * determining vehicle routes * applying appropriate high and low range gearing and traction control features according to terrain conditions * responding to driving obstacles * filling out vehicle usage logs and reporting of service requirements as required. | |

| Knowledge Evidence |
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| 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:   * relevant jurisdictional and legislative requirements for operating off-road vehicles, including health and safety requirements * limitations of the vehicle and trailer in a range of terrain types * operational components and features of off-road vehicle * application of high and low range gearing and traction control features * vehicle operating procedures * requirements for vehicle serviceability checks. |

| Assessment Conditions |
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| Assessment of this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated in an off road setting or an environment that accurately represents workplace conditions * resources, equipment and materials: * access to relevant vehicles and loaded trailer * vehicle equipment and accessories * vehicle log * cleaning equipment * specifications: * access to legislation and jurisdiction procedures for operating off-road vehicles * workplace procedures including advice on safety practices * manufacturer operating instructions for vehicles, equipment and accessories.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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