



Australian Government

Assessment Requirements for SFIOBS302

Collect reliable scientific data and samples

Release: 1

Assessment Requirements for SFIOBS302 Collect reliable scientific data and samples

Modification History

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

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 collected three different scientific data and samples sets for fisheries and/or environmental management research purposes, including:

- communicating with relevant personnel on data collection purpose and observations
- calibrating, operating and maintaining measuring and sampling equipment
- identifying and applying measurements and quality data collection processes that yield outcomes that are valid and comparable to other data sources
- preserving or protecting samples to minimise change or deterioration
- identifying atypical measurements and samples and suggesting possible causes and effects
- identifying samples to ensure a link to their origins
- completing accurate records on data collection and sampling and presenting the information in formats suitable for use in fisheries and/or environmental management research.

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:

- environmental management procedures, regulations and codes of practice relevant to the specific sector within the seafood industry
- current and emerging sampling equipment and technologies
- measurement techniques, including calibrating equipment
- principles of sampling, including:
 - achieving consistency in sampling procedures
 - maintaining the identification or traceability of samples relative to their source, including labelling
 - obtaining representative or randomised samples

- preserving the integrity of samples
- storing and transporting samples
- fisheries and unique aspects relevant to the fishery, sector or geographic area
- fisheries management methodologies and associated data requirements
- fisheries research methodologies and the application of scientific data to management processes
- species, product, work regime and typical equipment used.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a fishery workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - sampling equipment and materials
 - recording media
- specifications:
 - workplace procedures for sampling and data collection, including advice on health and safety and environmental requirements
 - sampling and data collection plans
 - manufacturer instructions for operating and maintaining equipment.

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

Links

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