



Australian Government

Assessment Requirements for FBPCEL2008 Carry out inert gas handling operations

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

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 carried out inert gas handling operations and demonstrated the following on at least two separate occasions:

- accessing workplace information to identify inert gas handling requirements
- selecting, fitting and using personal protective equipment (PPE)
- selecting appropriate gases to meet requirements:
 - single or blend of gases
 - gaseous or solid form
 - dosage
 - interpreting cylinder or service line information
- confirming supply of services and gases for requirements
- selecting equipment appropriate to the task and gas to be handled
- setting up, preparing and operating equipment according to workplace procedures
- manufacturing carbon dioxide bricks or snow
- delivering gas according to specifications
- monitoring gas handling process:
 - gas pressure
 - gas flow
 - integrity of seals
- taking corrective action in response to non-conformance results
- shutting down equipment in routine situations
- conducting work according to environmental and health and safety requirements in the workplace.

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:

- purpose and principles of using inert gases in cellar operations
- properties and functions of gases
- hazards and risks associated with different forms or types of gas
- gas handling policy and procedures
- factors affecting choice of gas or gas blends:
 - wine type and style
 - winemaker preference
- equipment set up, preparation and operation procedures and requirements including settings and key variables
- purpose of PPE
- legislative requirements as they affect immediate gas handling responsibilities
- steps in manufacturing process for dry ice bricks or snow
- requirements to liaise or advise related work areas
- routine shutdown and cleaning preparation requirements
- workplace health and safety requirements
- workplace procedures and responsibility for:
 - reporting problems
 - waste handling requirements
 - environmental issues and controls
 - recording requirements.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a wine operations workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE for inert gas handling operations
 - equipment, cylinders and materials for inert gas handling operations
 - gas or gases to meet work instruction
 - system for recording and reporting information
- specifications:
 - workplace procedures for inert gas handling operations.

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

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>