Modification history

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

| FBPBPG2012 | Perform basic packaging tests and inspections |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to carry out the tests and inspections required to monitor product and process at various control points on an operating packaging line.The unit applies to individuals who work under general supervision in bottling and packaging and are responsible for applying basic quality assurance principles to product with limited autonomy and accountability for their work.No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.NOTE: The terms 'occupational health and safety' (OHS) and 'work health and safety' (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements. |
| Prerequisite Unit | FBPLAB2011 Use basic laboratory equipment |
| Unit Sector | Bottling and Packaging (BPG) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Identify requirements for packaging testing | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls with supervisor1.2 Select and use appropriate personal protective equipment (PPE)1.3 Identify key packaging equipment and recognise its function and operating principles |
| 2. Prepare for testing | 2.1 Receive and register samples and prepare for testing2.2 Ensure that services are available and ready for use2.3 Select, prepare and check test equipment and materials are available and ready for use according to testing procedures2.4 Identify and report defects in samples, materials and test equipment |
| 3. Perform on-line packaging tests | 3.1 Carry out test method as directed3.2 Use equipment and materials as directed3.3 Read and interpret results according to testing procedures3.4 Identify out-of-standard results and take appropriate action according to workplace procedures3.5 Liaise with operators in other work areas to ensure ongoing packaging process runs efficiently and effectively |
| 4. Complete on-line packaging tests | 4.1 Dispose of waste generated according to workplace procedures4.2 Clean, store and maintain test equipment according to test equipment instructions4.3 Carry out work in accordance with workplace environmental guidelines4.4 Record workplace information according to workplace procedures |

| Foundation SkillsThis 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 |
| Oral communication | * Seeks clarification when required
 |
| Navigate the world of work | * Follows clear instructions within defined level of responsibility
* Recognises worksite expectations and follows explicit protocols and procedures
 |

|  |
| --- |
| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPBPG2012 Perform basic packaging tests and inspections | FDFLAB2003A Perform basic packaging tests and inspections | Updated to meet Standards for Training PackagesMinor changes to Performance Criteria for clarityRecoded to bottling and packaging sector (BPG) | Equivalent unit |

|  |  |
| --- | --- |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |

| TITLE | Assessment requirements for FBPBPG2012 Perform basic packaging tests and inspections |
| --- | --- |
| 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 performed basic packaging tests and inspections at a minimum of two different critical control points on an operating packaging line, including:* confirming test equipment is ready for operation, including:
* recognising and rejecting contaminated or faulty glassware and equipment
* conducting safety checks
* replacing consumables
* setting instrument and calibration
* operating test equipment according to workplace procedures and manufacturer instructions
* carrying out routine tests
* reading and interpreting results
* recording results as required
* monitoring the process and test equipment to identify out-of-specification results or non-compliance
* taking corrective action in response to out-of-specification results, anomalies or non-compliance
* reporting and/or recording corrective action according to workplace procedures
* following procedures to repeat or validate results
* liaising with other work areas involved the packaging process
* applying safe work practices and identify WHS hazards and controls.
 |

| 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:* common bottling and packaging techniques
* enterprise policy and procedure with regard to:
* packaging line quality assurance testing
* occupational health and safety (OHS)
* purpose and principles of the test
* relevant standards and specifications, and basic legislative requirements (e.g. quality, health, safety, labelling and equipment) and their implications
* procedure specification and operating parameters
* affect of sampling and testing stages on results or outcomes
* start-up and set-up procedures required
* common causes and knock-on effects of inaccuracies and preventive or corrective action required
* normal range of results on products or packaging items tested
* emergency procedures for a range of operational problems
* procedures and responsibility for reporting problems
* WHS hazards and controls
* cleaning and sanitising requirements of equipment and work area
* sampling plan and procedures relevant to work task.
 |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions: * physical conditions:
* skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
* resources, equipment and materials:
* tools and equipment for conducting tests
* personal protective equipment (PPE)
* instructions, information, specifications and schedules
* products and materials on which to conduct tests
* specifications:
* work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements

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.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |