Modification history

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

| FBPLAB3008 | Perform packaging quality control procedures |
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| Application | This unit of competency describes the skills and knowledge required to carry out laboratory tests and inspections on incoming packaging materials and outgoing products in a wine operations bottling and packaging environment.  This unit applies to individuals who are responsible for ensuring packaging procedures meet quality standards, and take action in response to a range of predictable problems.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.  All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace. |
| Prerequisite Unit | Nil |
| Unit Sector | Laboratory (LAB) |

| 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. Identify requirements for packaging testing | 1.1 Select appropriate standard method and interpret information for laboratory tests, inspections and quality assurance checks for incoming packaging materials and outgoing products  1.2 Interpret workplace packaging line quality assurance policy and procedures and check specifications and customer requirements  1.3 Identify key features and quality characteristics of packaging materials  1.4 Identify and interpret work health and safety (WHS) hazards and controls  1.5 Select and use appropriate personal protective equipment (PPE) |
| 2. Prepare for testing | 2.1 Confirm materials and equipment are available and ready to meet testing requirements  2.2 Confirm that services are available and ready for use  2.3 Select and assemble test equipment and materials  2.4 Monitor equipment to confirm operating condition  2.5 Identify and report defects in samples, test materials and equipment  2.6 Register samples and prepare for testing |
| 3. Perform packaging tests | 3.1 Carry out test method in accordance with laboratory procedures  3.2 Use equipment and materials to ensure compliance with workplace practice  3.3 Read and interpret results accurately  3.4 Identify and report out-of-standard results in a timely manner |
| 4. Complete packaging tests | 4.1 Dispose of waste generated in accordance with workplace procedures  4.2 Clean, store and maintain equipment to manufacturers requirements  4.3 Carry out work with consideration of workplace environmental guidelines  4.4 Record workplace information in the appropriate format |

| 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 |
| Reading | * Interpret workplace information to identify testing requirements * Interpret results as required |
| Writing | * Report and record test results of packaging and outgoing products and record any corrective action undertaken |
| Numeracy | * Set and calibrate testing instruments |
| Navigate the world of work | * Interpret and follow regulatory requirements and seek clarification or other assistance when required * Identify and describe own skills, knowledge and experience within context of job role * Seek advice and feedback on current work performance |
| Interact with others | * Use appropriate vocabulary, including technical language directly relevant to role * Ask questions to clarify understanding or seek further information * Recognise personal strengths and challenges associated with interacting with others in the workplace |
| Get the work done | * Identify current innovative practice and organisational trends * Use a computer, keyboard and software to collect and file test data * Use the main features and functions of digital tools to identify and apply information in wine industry operations * Recognise and act on opportunities for continuous improvement in accordance with workplace practices |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPLAB3008 Perform packaging quality control procedures | FDFLAB2009A Perform packaging quality control procedures | Updated to meet Standards for Training Packages  Minor rewrite for clarity.  Recoded  Removal of prerequisite due to no longer required by industry | 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=78b15323-cd38-483e-aad7-1159b570a5c4> |

| TITLE | Assessment requirements for FBPLAB3008 Perform packaging quality control procedures |
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| 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 packaging quality control procedures on at least one occasion, including:   * accessing and interpreting workplace information to identify testing requirements * selecting, fitting and using appropriate personal protective clothing and equipment * confirming supply of necessary materials, equipment and services * liaising with other work areas: * bottling and packaging * marketing * suppliers * preparing samples for testing: * verification procedures * specific production specifications * data logging * confirming equipment status and condition: * confirming that test equipment is operating accurately * recognising and rejecting contaminated or faulty equipment * replacing consumables * instrument setting and calibration * operating equipment according to workplace procedures and manufacturer instructions * carrying out routine and specialised tests * reading and interpreting results as required * recording results as required and completing workplace information * monitoring the process and test equipment to identify out-of-specification results or non-compliance * identifying key features of packaging materials and recognising faults or out-of-specification standards * taking corrective action in response to out-of-specification results, anomalies or non-compliance * following procedures to repeat or validate results as required * sorting, collecting, treating, recycling or disposing of waste * maintaining work area to meet housekeeping standards * cleaning, storing and maintaining equipment * dismantling equipment in preparation for cleaning. | |

| 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:   * manufacture and design of packaging items as required: * corks and closures * cartons * labels * capsules * softpack components * other packaging items * operating principles of common bottling and packaging equipment * quality standards and specifications of packaging items * common causes of faults or below standard packaging processes and items, and preventive or corrective action required * workplace policy and procedures with regard to packaging line quality assurance testing * purpose and principles of 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 * effect of sampling and testing stages on results and/or outcomes * start-up and set-up procedures required * common causes and knock-on effects of inaccuracies and preventive or corrective action required * how to read, interpret and record results as required * normal range of results on products and/or packaging items tested * recording requirements and procedures * work health and safety (WHS) hazards and controls * emergency and troubleshooting procedures for a range of operational problems * procedures and responsibility for reporting problems * cleaning and sanitising requirements of equipment and work area * environmental issues and controls. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * a workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * personal protective clothing and equipment as required * equipment, services and corresponding information as required * products and materials as required * cleaning procedures, materials and equipment as required * documentation and recording requirements and procedures * specifications: * work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements * instructions, information, specifications and schedules as required * relationships (internal and/or external): * internal and external customers and suppliers as required.   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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