Modification history

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

| FBPCEL2020 | Prepare and wax tanks |
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| Application | This unit of competency describes the skills and knowledge required to select and use appropriate equipment and materials to prepare and wax tanks.  The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.  Legislative requirements relating to confined space entry and hot work controls apply to this unit. Special tank entry and breathing equipment may be required. Users are advised to check with the relevant State or Territory work health and safety authority.  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 | Cellar Operations (CEL) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare materials and tank for waxing | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls in accordance with workplace procedures  1.2 Select and use personal protective clothing and equipment (PPE) relevant to the job role  1.3 Confirm that the relevant worksite permits have been obtained by supervisor prior to work commencement  1.4 Prepare tank and confirm as ready to wax in accordance with workplace specifications  1.5 Check equipment and confirm readiness for use according to workplace procedures  1.6 Confirm that services are available and operational to meet work requirements  1.7 Prepare wax according to manufacturer and workplace instructions |
| 2. Wax tanks | 2.1 Remove top layer of wax following safe work practices  2.2 Apply wax according to workplace procedures  2.3 Operate equipment according to work and manufacturer instructions  2.4 Monitor waxing process and identify, rectify and report out-of-specification process and equipment performance  2.5 Confirm waxed tank meets workplace specifications |
| 3. Complete tank waxing activities | 3.1 Shut down waxing equipment according to workplace procedures  3.2 Clean and store equipment  3.3 Collect, treat and dispose of or recycle waste generated by both the waxing process and cleaning procedures  3.4 Conduct work according to workplace environmental guidelines  3.5 Return tank to operating order according to workplace procedures  3.6 Record workplace information according to workplace requirements and 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 textual information from a variety of workplace documents |
| Writing | * Record workplace information using industry-based vocabulary, grammar and conventions |
| Oral Communication | * Converse clearly using industry-specific language |
| Numeracy | * Calculate numerical information relating to measurements, quantities and operational specifications * Interpret symbols and numbers to calibrate equipment and monitor control points |
| Navigate the world of work | * Follow clear instructions within defined level of responsibility * Recognise own work performance and seek assistance where required |
| Get the work done | * Recognise and act on opportunities for continuous improvement in accordance with workplace practices * Use the main features and functions of digital tools to identify and apply information in wine industry operations * Respond to routine problems using step-by-step instruction and procedures |
| Reading | * Comprehend textual information from a variety of workplace documents accurately |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPCEL2020 Prepare and wax tanks | FDFCEL2020A Prepare and wax tanks | Updated to meet Standards for Training Packages  Minor changes to elements and performance criteria for clarity | 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 FBPCEL2020 Prepare and wax tanks |
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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 demonstrated the following at least once:   * accessing workplace information to identify waxing requirements * selecting, fitting and using personal protective clothing and equipment * applying confined space entry policy and procedures * applying relevant hot work policy and procedures * confirming supply of services and materials required for preparing and waxing tanks * preparing and confirming status of equipment before commencing process * preparing tank for waxing * preparing wax for use * removing top layer of wax on tank surfaces * applying wax to tank surfaces according to instructions * operating equipment according to workplace procedures and manufacturer instructions * monitoring waxing process * taking corrective action in response to out-of-specification results or non-compliance * returning tank to operating order * shutting down equipment in routine and emergency situations * applying workplace health and safety procedures, including those associated with: * confined space entry * hot work environments * working on ladders or scaffolding * working with hazardous substances. | |

| 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:   * purpose and principles of waxing tanks * safe handling and storage of waxes used * functions of waxes and related equipment and materials * waxing requirements for specific tanks: * tanks with damage * different wax mix preparation requirements * purpose of personal protective clothing and equipment for preparing and waxing tanks * methods used to render tanks safe to wax: * lock-out * tag-out * isolation procedures * equipment settings required for operating waxing equipment * inspection points for waxing * regulatory requirements as they affect immediate responsibilities for waxing * types of waste generated by both the waxing and the cleaning process and related collection, treatment and disposal requirements * requirements to liaise or advise related work areas * reporting and recording systems and requirements * tank waxing procedures and specifications * work health and safety hazards and controls: * confined space entry * using hazardous substances * working on ladders and scaffolding * hot work permit and/or authorisation * procedures for returning tanks to operation. |

| 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 for preparing and waxing tanks * equipment and wax for preparing and waxing tanks * cleaning materials, equipment and procedures * documentation or technology for recording and reporting information * specifications: * work instructions and workplace procedures for preparing and waxing tanks.   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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