Modification history

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| Release | Comments |
| Release 1 | This version released with FBP Food, Beverage and Pharmaceuticals 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. It involves confined space entry work. It may require a Hot Work permit and the use of special tank entry and breathing equipment.  The unit applies to individuals who work in cellar operations under general supervision, with limited autonomy and accountability for their own work.  Legislative requirements relating to confined space entry apply to this unit. Users are advised to check with the relevant State or Territory work health and safety authority. |
| Prerequisite Unit | Nil |
| Unit Sector | Cellar Operations (CEL) - Cellaring |

| 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. Prepare materials and tank for waxing | 1.1 Confirm and clarify work instructions  1.2 Select, fit and use appropriate personal protective clothing equipment  1.3 Confirm that the confined space entry permit has been completed by supervisor  1.4 Prepare tank and confirm as ready to wax  1.5 Check equipment and confirm readiness for use according to workplace procedures  1.6 Confirm that services are available  1.7 Prepare wax according to 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 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 to identify key information in workplace procedures, work and manufacturer instructions |
| Writing | * Complete workplace records relating to waxing process accurately |
| Numeracy | * Interpret symbols and numbers to set and calibrate equipment and monitor parameters in waxing process |
| Oral communication | * Ask questions to clarify work instructions and use accurate terminology to report issues |
| Navigate the world of work | * Recognise and follow workplace and legislative requirements associated with own role and area of responsibility |
| Interact with others | * Follow accepted workplace practices and protocols for communicating information |
| Get the work done | * Follow clearly defined instructions to identify and assemble resources and sequence tasks to prepare and wax tanks * Monitor processes, identify risks, hazards and routine problems related to preparing and waxing tanks and initiate standard procedures to resolve or report * Use key features and functions and follow routine procedures for using digital technology or systems to record and/or report workplace information |

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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 tank waxing process at least once, including:   * accessing workplace information to identify waxing requirements * selecting, fitting and using personal protective clothing and equipment * applying confined space entry 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 * working on ladders or scaffolding * working with hazardous substances * following workplace procedures for: * maintaining records * reporting and recording corrective action and non-compliances * sorting, collecting, treating, recycling or disposing of waste * maintaining housekeeping standards. | |

| 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, including lock-out, tag-out and 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 * 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 * 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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