Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCCHM403 | Prepare safe operating procedures for calibration of equipment |
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| Application | This unit of competency describes the skills and knowledge required to prepare workplace procedures for the calibration of equipment used in the application of pest, weed and disease control chemicals and bio-agents.  The unit applies to individuals who take responsibility for their own work and may provide direction to others. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Chemicals (CHM) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Identify needs | 1.1 Identify equipment requiring calibration procedures  1.2 Assess the skill of operators in calibration in consultation with operators and supervisors  1.3 Identify, source and interpret information required for calibration from equipment manufacture and operating instructions |
| 2. Prepare procedure | 2.1 Confirm information in calibration procedure complies with relevant regulatory requirements, manufacturers' instructions and industry practice  2.2 Carry out a risk assessment of the calibration procedure and incorporate risk controls in the calibration procedure  2.3 Document the procedures in a form appropriate to the intended use and according to workplace protocols  2.4 Document work health and safety issues relevant to the activities in the procedures to the users |

| 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 | * Critically analyses information and consolidate to determine risks in calibration |
| Writing | * Develops procedural material using clear and detailed language in order to convey explicit risk for calibration information |
| Navigate the world of work | * Works independently or with others in making decisions to achieve organisation outcomes * Takes full responsibility for following policies, procedures and legislative requirements |
| Get the work done | * Accepts responsibility for planning and sequencing complex tasks and workload * Applies systematic and analytical decision making processes for complex and non-routine situations |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCCHM403 Prepare safe operating procedures for calibration of equipment | AHCCHM403 Prepare safe operating procedures for calibration of equipment | Updated to meet Standards for Training Packages  Changes to Performance Criteria for clarity  Removed PC 2.4 | 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=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| TITLE | Assessment requirements for AHCCHM403 Prepare safe operating procedures for calibration of equipment |
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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 on at least one occasion the individual has demonstrated that they have prepared safe operating procedures for calibration of equipment including:   * identified needs for calibration * analysed tasks involved in calibration * performed a risk assessment of the calibration task and incorporated risk controls into the calibration procedure * documented procedures for calibration according to intended use. | |

| 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:   * relevant work health and safety, pesticides and environmental legislation, codes of practice and enterprise procedures * sources of chemical safety information, including: * Codes of Practice * legislation and regulations * chemical manufacturer labels * safety data sheets * chemical handling and application * work health and safety in calibration and required personal protection equipment * mechanical and electronic controls on application equipment * calibration techniques and hazards, risks and controls. |

| Assessment Conditions |
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| 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 workplace conditions * resources, equipment and materials: * chemical application equipment * use of specific tools for calibration and adjustments * use of specific items of personal protective equipment * specifications: * use of specific workplace documents such as policies, procedures, processes * use of manufacturer’s operating instructions for equipment to be calibrated * use of workplace instructions, specifications for calibration.   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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