Modification history

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| Release | Comments |
| Release 1 | This version released with AMP Australian Meat Processing Training Package Version 8.0. |

| AMPQUA4X8 | Contribute to abattoir design and construction processes |
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| Application | This describes the skills and knowledge required to assess the suitability of abattoir design and construction.  This unit is applicable to individuals who review and approve abattoir designs. It is also applicable to individuals who are responsible for, or who may have an opportunity to contribute to, planning new meat establishments or extensions to existing plants.  All work must be carried out to comply with workplace procedures, in accordance with state/territory health and safety, regulations, legislation and standards that apply to the workplace.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Quality Assurance (QUA) |

| 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. Assess proposed site for a meat processing plant | 1.1 Identify workplace production requirements  1.2 Assess site suitability for a meat processing establishment in terms of regulatory requirements  1.3 Identify factors that will affect key stakeholders at and near the site |
| 2. Assess the design and construction of a proposed meat processing establishment | 2.1 Identify and apply relevant regulations and importing country requirements, for the design and construction of a meat processing establishment  2.2 Identify and apply all statutory and practical requirements for quality assurance, animal welfare, workplace health and safety, biosecurity, waste treatment, and hygiene and sanitation to the design  2.3 Assess yard design in terms of achieving safe, effective and efficient movement of stock  2.4 Assess design in terms of achieving effective and efficient product flow and separation of edible and inedible products  2.5 Assess design in terms of current and future capacity  2.6 Provide feedback to planning and development personnel |

| 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 |
| Oral communication | * Contribute productively to discussions about abattoir design * Actively listen and clearly express ideas |
| Numeracy | * Access and interpret flow charts and plans for abattoir design and construction |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AMPQUA4X8 Contribute to abattoir design and construction processes | AMPA407 Contribute to abattoir design and construction processes | Unit sector code updated.  Performance criteria clarified.  Foundation skills added.  Performance Evidence, Knowledge evidence and Assessment Conditions revised. | Equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7> |

| TITLE | Assessment requirements for AMPQUA4X8 Contribute to abattoir design and construction processes |
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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 contributed to the design and construction processes of at least one proposed abattoir, including:   * assessed the proposed site and plans for a meat processing establishment against regulatory requirements * identified elements of production process design that demonstrate efficient, hygienic and practical production procedures for edible and inedible products * identified relevant stakeholders to be consulted and the issues they may have * analysed and assessed flow charts and plans relating to the design and construction of meat processing plants * prepared a feedback report. | |

| 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:   * relevant statutory requirements for design and construction of abattoirs to meet hygienic production, workplace health and safety, and animal welfare requirements * regulatory bodies that oversee zoning, construction of meat processing facilities, environmental factors for site * critical points in meat processing establishments that relate to design * work flow requirements of an abattoir * requirements of a future workforce for site. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated in a meat processing workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * specified site * plans for abattoir facility that includes livestock yards and slaughtering or boning facilities * specifications: * relevant legislation and codes for jurisdiction.   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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