



Australian Government

AMPMGT508 Manage environmental impacts of meat processing operations

Release: 2

AMPMGT508 Manage environmental impacts of meat processing operations

Modification History

Release	Comments
Release 2	This version released with AMP Australian Meat Processing Training Package Version 6.0.
Release 1	This version released with AMP Australian Meat Processing Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to assess the potential impacts of enterprise operations on the environment and implement cost-effective strategies. Management of environmental impact is a priority across all sectors of the industry, which has invested considerably in developing best practice systems for the management and minimisation of environmental impact. The scope of the unit includes water quality, usage and waste, air quality, emissions, noise, odour, and the minimisation and disposal of solid wastes.

This unit is applicable to managers with responsibility for environmental matters, and to enterprise engineers, production managers, feedlot managers, chiller managers and quality managers working in a meat industry context.

At this level, individuals exercise considerable autonomy, responsibility and accountability within enterprise structures and are required to make primary contributions to the values, goals and operations of the enterprise. They will typically have responsibility for establishing and reviewing systems for their site or department. They may be assisted by external experts to develop plans and strategies.

This unit must be delivered using Australian meat industry standards and regulations.

No licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine environment management strategy requirements	1.1 Ascertain enterprise's ethical, community and legal obligations relating to environmental management 1.2 Examine enterprise operations to identify potential environmental impacts 1.3 Analyse competitive and economic advantages and disadvantages of environmental management strategies
2. Develop enterprise commitment to environmental management	2.1 Obtain management commitment and formulate enterprise environmental management policy 2.2 Include agreed-upon environmental management strategies in enterprise planning, operating systems and review processes 2.3 Develop consultative processes to resolve environmental issues and problems 2.4 Incorporate environmental management roles and responsibilities into job functions, position descriptions and Standard Operating Procedures (SOPs) 2.5 Develop and implement communication and training strategies to inform and support stakeholder commitment
3. Prepare environmental management strategy	3.1 Identify enterprise requirements for expert assistance and advice 3.2 Identify and evaluate environmental risks 3.3 Determine requirements of environmental management systems 3.4 Evaluate alternative environmental management strategies and systems for efficiency, effectiveness and sustainability, in accordance with enterprise requirements and regulatory compliance 3.5 Identify opportunities to minimise environmental impact and maximise commercial value of waste or waste treatment by-products 3.6 Calculate resource requirements and include them in enterprise planning processes 3.7 Develop performance criteria for environmental management
4. Implement and monitor environmental management strategies	4.1 Negotiate licences, permits, schedules and agreements to address regulatory requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
and systems	4.2 Communicate environment and waste management policies and responsibilities to stakeholders 4.3 Select, develop, implement and integrate environmental and waste management systems into operational systems 4.4 Develop monitoring, reporting and validation procedures 4.5 Prepare corrective action strategies and contingency plans 4.6 Establish verification procedures 4.7 Investigate causes of non-compliance, and develop control measures 4.8 Review systems to reflect changes in technology, regulations and operational performance
5. Review environmental management policies, strategies and systems	5.1 Establish continuous review and improvement processes, including consultation with stakeholders 5.2 Assess and analyse performance information against specified criteria and standards to identify areas for improvement 5.3 Analyse and include conclusions and recommendations in enterprise planning and improvement processes
6. Manage community relations	6.1 Prepare environmental impact statements to address community, environmental and public health concerns and regulatory requirements 6.2 Conduct interactions with environmental authorities and agencies openly, positively and ethically 6.3 Identify and utilise opportunities to promote the enterprise as a good corporate citizen in relation to environmental management 6.4 Maintain, analyse and report to stakeholders details of enterprise measurement and logging of environmental impacts 6.5 Deal with community complaints promptly, openly and courteously

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AMPMGT508 Manage environmental impacts of meat processing operations Release 2	AMPMGT508 Manage environmental impacts of meat processing operations Release 1	Feedlots included in application, minor wording changes, assessment conditions updated	Equivalent

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

Assessment Requirements for AMPMGT508 Manage environmental impacts of meat processing operations

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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, on at least one occasion:

- analysed and interpreted current regulatory requirements for environmental management (including local, state, national and international), such as environmental tolerance levels, and their implications for enterprise operations
- assessed viability of gaining commercial value from waste, including the determination of commercial quantities, costs, returns and payback periods
- communicated effectively with internal and external personnel with diverse roles and cultures
- complied with regulatory requirements for managing enterprise environmental impact, including negotiation of agreements, plans, permits and licences with relevant environmental management authorities, confinement of environmental impacts within permissible limits, and preparation of the enterprise for external audit where specified
- consulted with internal/external stakeholders and independent agencies to prepare contingency plans and emergency response procedures for environmental incidents
- developed individual and team capacity to achieve enterprise management policies and goals, including clear communication of individual and team responsibilities for minimising environmental impact, development of consultative processes and strategies to identify and resolve environmental issues, and identification and provision of appropriate training programs
- developed procedures for responding to community complaints and concerns
- evaluated and recommended environmental management systems to meet enterprise needs, including identification and audit of enterprise creation of waste and environmental impacts, and evaluation of control and treatment systems, comparative costs, savings and minimisation of environmental impacts

- identified and applied relevant workplace health and safety, regulatory and workplace requirements
- implemented enterprise environmental management systems to minimise environmental impact, including the establishment of monitoring and testing regimes and record-keeping systems; development of procedures for identifying, reporting and analysing the causes of environment non-conformances and incidents; and development of control measures to prevent recurrence of environmental incidents, hazardous events and non-conformances
- monitored performance of the enterprise environmental management system, including the identification of performance standards based on industry best practice; collection and analysis of qualitative and quantitative performance data; benchmarking; and assessment of performance against standards and recommendations for improvement
- prepared and updated enterprise environmental impact statements and management plans
- prepared information about enterprise's environmental management strategy and progress for public release, in accordance with enterprise ethical standards and regulatory requirements
- prepared reports and recommendations for senior management, using complex language analysis and appropriate presentation styles
- presented reports according to legal and enterprise requirements
- used effective communication, negotiation and problem-solving skills in interactions with all stakeholders, including environmental authorities, agencies and community representatives
- used information and communications technology for research and data collection, analysis and reporting.

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:

- potential costs of prevention, assessment and control of environmental impact
- customer and consumer, including importing country, requirements for effective environmental management, and implications for enterprise operations
- enterprise requirements for expert advice, assistance and support
- major air, water and solid waste environmental impacts generated by the meat industry
- relevant environmental authorities and their jurisdictions, powers and implications for enterprise operations.

Assessment Conditions

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 industry enterprise or an environment that accurately represents workplace conditions
- resources, equipment and materials:

- access to appropriate technology for research and data collection, analysis and reporting
- specifications:
 - access to workplace documents such as policies, procedures, processes, forms
 - access to specific legislation/codes of practice relevant to enterprise operations.

Methods of assessment must include:

- a third-party referee report of sustained performance at appropriate level of authority and responsibility
- assignment focusing on understanding and applying of principles and theory to workplace operations
- workplace projects with focus on company environment and conditions.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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