



Australian Government

AMPMGT505 Manage maintenance systems

Release: 2

AMPMGT505 Manage maintenance systems

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 develop maintenance strategies that cause minimal disruption to meat enterprise operations and are cost-efficient. An enterprise's maintenance system influences the cost and quality of products and the safety of the workforce and environment.

At this level, individuals exercise considerable 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 is particularly useful for maintenance managers, plant engineers and production managers working in a meat industry context, including meat and poultry processing enterprises, feedlot, and smallgoods operations and wholesale meat preparation enterprises.

This unit must be delivered in the context of 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. Prepare maintenance policies	1.1 Identify and quantify maintenance costs, including the cost of poor maintenance procedures 1.2 Negotiate and confirm management commitment to a productive maintenance strategy 1.3 Benchmark enterprise performance against agreed standards, and develop maintenance policies and priorities 1.4 Develop maintenance system goals through negotiation with stakeholders 1.5 Establish communication strategies to build positive workforce attitude and commitment to maintenance
2. Implement maintenance management system	2.1 Identify and secure resource requirements and include them in enterprise budgets and operational plans 2.2 Determine location of the maintenance function and/or team within enterprise structures 2.3 Determine profile of the maintenance function and/or team within enterprise structures 2.4 Clarify roles and responsibilities of equipment users and the maintenance team and include them in position descriptions and work instructions 2.5 Provide mentoring and training in the use and care of technology and equipment to support the maintenance strategy 2.6 Prepare maintenance procedures and schedules to minimise negative impacts on production, costs, waste and the environment 2.7 Develop and maintain record-keeping systems 2.8 Analyse potential risks and recommend management strategies 2.9 Prepare contingency plans in collaboration with the workforce, suppliers and customers 2.10 Communicate maintenance schedules and procedures to the team
3. Monitor and review maintenance management system	3.1 Develop continuous improvement strategies 3.2 Determine performance criteria for maintenance goals, and establish data collection strategies 3.3 Analyse performance information and outcomes, and report implications to stakeholders

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
AMPMGT505 Manage maintenance systems Release 2	AMPMGT505 Manage maintenance systems Release 1	Minor wording and formatting changes, application updated to include poultry, smallgoods, feedlots and wholesalers, 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 AMPMGT505 Manage maintenance systems

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.

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:

- consulted with key personnel, people on the floor, delegates, suppliers, contractors and equipment manufacturers to determine appropriate maintenance strategies, procedures and schedules
- developed maintenance policies and strategies, including establishment of criteria for determining maintenance priorities and planning and scheduling routine equipment and overhead maintenance to meet quality system requirements
- established and monitored performance targets for maintenance teams within performance planning and appraisal processes
- developed workforce commitment to effective maintenance strategies, including implementing strategies for devolving the identification of maintenance needs to the floor, developing consultative and cooperative problem-solving strategies, and negotiating changes in work practices
- developed secure record-keeping procedures to document maintenance costs, problems, priorities, solutions, schedules and completions
- evaluated and recommended alternative maintenance policies and strategies, including evaluation of the costs and benefits of internal and consultant service models, changes in work roles and responsive/preventative models for maintenance
- determined and recommended the need for capital expenditure to replace plant and equipment
- identified and applied relevant workplace health and safety, environmental, regulatory and workplace requirements
- managed maintenance costs, including determining total maintenance costs based on maintenance service cost and machine breakdown cost, setting, justifying, and achieving maintenance budgets

- monitored performance of the system, including establishing indicators, setting up data collection strategies, analysing data to identify trends and isolate problems or problem areas, and measuring progress against targets
- prepared and implemented contingency plans for dealing with risks, including equipment breakdowns and failures, and negotiation with production personnel
- presented reports according to legal and enterprise requirements
- reviewed maintenance strategies and goals within the enterprise, continuous improvement and planning processes.

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:

- plant and equipment falling under the scope of the maintenance program, including steam generation systems, refrigeration systems, water and effluent systems, processing and production equipment, and building
- maintenance issues related to the enterprise, and their impact on the productivity of the plant
- cost elements in maintenance system costing and budgeting
- relevant legislation and regulations (including food safety and food standards) and industrial agreements, and the implications for plant and equipment maintenance
- costs resulting from poor maintenance, and the benefits of a preventative maintenance system
- impacts of poor maintenance on meat safety, meat and/or product quality, occupational and environmental safety.

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 workplace or an environment that accurately represents workplace conditions.

Assessment for this unit must include:

- a third-party referee report of sustained performance at appropriate level of authority and responsibility
- assignment focusing on understanding and application 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

Companion Volume implementation guides are found in VETNet -

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