



Australian Government

Assessment Requirements for AMPMT505 Manage maintenance systems

Release: 1

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Modification History

Release	TP Version	Comment
1	AMPv1.0	Initial release

Performance Evidence

Evidence must demonstrate the candidate's consistency of performance over time under normal operating conditions.

The candidate must:

- consult with key personnel, people on the floor, delegates, suppliers, contractors and equipment manufacturers to determine appropriate maintenance strategies, procedures and schedules
- develop 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
- establish and monitor performance targets for maintenance teams within performance planning and appraisal processes
- develop 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
- develop secure record keeping procedures to document maintenance costs, problems, priorities, solutions, schedules and completions
- apply relevant communication and mathematical skills
- evaluate and recommend 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
- determine and recommend the need for capital expenditure to replace plant and equipment
- identify and apply relevant workplace health and safety, environmental, regulatory and workplace requirements
- manage maintenance costs, including determining total maintenance costs based on maintenance service cost and machine breakdown cost, setting, justifying, and achieving maintenance budgets

- monitor 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
- prepare and implement contingency plans for dealing with risks, including equipment breakdowns and failures, and negotiation with production personnel
- present reports according to legal and enterprise requirements
- review maintenance strategies and goals within the enterprise, continuous improvement and planning processes.

Knowledge Evidence

The candidate must demonstrate an in depth technical and theoretical 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 explain 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

Competency must be demonstrated through sustained performance over time, at an appropriate level of responsibility and authority under typical operating and production conditions for the enterprise.

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 must satisfy relevant standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adb8443a7>