



Australian Government

AMPMGT502 Manage new product or process development

Release: 1

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Modification History

Release	TP Version	Comment
1	AMPv1.0	Initial release

Application

This unit describes the skills and knowledge required to cost, develop, evaluate and manage the commercial production of new products or processes.

The development of new products and processes can provide businesses with a competitive edge and lead to discovery of new markets.

This unit applies to senior staff in meat industry enterprises who have responsibility for research, development, evaluation and implementation of new products or processes.

This unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They analyse information and exercise judgement to complete a range of advanced skilled activities.

All work in this area must be conducted in the context of Australian meat industry standards and regulations.

No occupational 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

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify potential for new product or process development	1.1 Analyse internal and external environments including legislative frameworks, industry directions, enterprise goals and consumer trends to identify emerging opportunities 1.2 Describe enterprise goals for the development of new product or process 1.3 Identify and evaluate potential products or processes consistent with the goals and directions of the enterprise 1.4 Obtain enterprise estimates and forecasts of required production levels, costs, sales and required rate of return 1.5 Identify regulatory requirements for the development and sale of new product or process
2. Develop and test product or process	2.1 Prepare schedules and plans for the development and trial of new product 2.2 Identify sources of technical expertise and information 2.3 Research and refine product or process concept 2.4 Develop prototype and evaluate it for impact on meat quality and food safety 2.5 Refine and confirm specifications for new product or process
3. Evaluate feasibility of product or process for the enterprise	3.1 Prepare samples of new products 3.2 Coordinate, monitor and evaluate trials and tests of product or processes for commercial operation 3.3 Gather and analyse customer and consumer feedback 3.4 Assess enterprise capacity to support new product or process and identify system strengths and weaknesses 3.5 Prepare resource analyses and proposals for the introduction of new product or process 3.6 Cost new product for commercial implementation and evaluate it against enterprise forecasts of production, costs, sales and rate of return 3.7 Conduct risk assessment 3.8 Prepare and present recommendations including risk management strategies
4. Scale up operations for	4.1 Obtain and schedule resources for commercial operation

Element	Performance criteria
commercial implementation	4.2 Prepare action plans for the scale up to commercial operations in consultation with enterprise personnel 4.3 Prepare and implement communication and consultation strategies to inform stakeholders of progress and gain their commitment to the process 4.4 Identify food safety requirements of new product or process and include them in food safety system and plans 4.5 Develop and implement monitoring and control systems 4.6 Prepare contingency plans 4.7 Train personnel in new product or processes, systems and procedures 4.8 Commission product or process with minimum disruption to other operations
5. Evaluate market impact of new product	5.1 Prepare product information and samples for marketing and promotion 5.2 Determine targets for new product or process in consultation with relevant personnel, in accordance with enterprise goals and operations 5.3 Measure product or process performance against targets 5.4 Analyse causes for not achieving targets and prepare recommendations for improvement 5.5 Gather and analyse customer or consumer feedback and include results in recommendations for improvement

Foundation Skills

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

Range of Conditions

Unit Mapping Information

MTMPSR5604C Manage new product/process development	E
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Links

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