Australian Government

Department of Education, Employment and Workplace Relations

TDM50107 DIPLOMA OF TRANSPORT DISTRIBUTION (MARITIME OPERATIONS)

Release: 1

INDUSTRY SKILLS COUNCILS

Creating Australia's Future

TDM50107 DIPLOMA OF TRANSPORT DISTRIBUTION (MARITIME OPERATIONS)

Modification History

Not applicable.

Description

Rationale: A flexible qualification at AQF Level 5 not specifically aligned with regulated maritime occupations but which includes competency in maritime safety, survival and emergency skills as well as other skills needed to fulfil support roles on various types of vessels.

Successful completion will require competency in units that relate to work defined as aligned at AQF Level 5:
'*The self-directed application of knowledge and skills, with substantial depth in some areas where judgement is required in planning and selecting appropriate equipment, services and techniques for self and others. Applications involve participation in development of strategic initiatives, as well as personal responsibility and autonomy in performing complex technical operations or organising others. It may include participation in teams including teams concerned with planning and evaluation functions. Group or team coordination and management may be involved.*'

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

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Employability Skills Summary

Employability Skills Summary for
TDM50107 - Diploma of Transport & Distribution (Maritime Operations)

The following table contains a summary of the employability skills as identified by the maritime industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	• Use vessel's communication systems and procedures • Listen to and interpret verbal information related to work functions and the operation and maintenance of the vessel • Read and interpret maritime regulations, vessel's safety management system, vessel and equipment manufacturer's instructions, etc. • Speak clearly and directly on diverse matters related to work functions and equipment operation and maintenance • Write documents as part of duties, including reports on equipment operation and maintenance, safety incident reports, entries in records, etc. • Negotiate issues with others in the course of work operations • Recognise and interpret non-verbal signs, signals and behaviour • Interpret and record observations and equipment readings and displays • Communicate with multilingual crew • Use communication equipment
Teamwork	• Assist in the provision of leadership to other personnel on the vessel • Assist in the resolution of any interpersonal conflicts that may arise on board the vessel • Motivate other crew members • Assist crew members to achieve and maintain competency • Avoid and prevent the harassment of others on the vessel • Collaborate with crew members in the course of vessel operations • Work with crew members of different ages, genders, race, religion, political persuasion, etc.
Problem solving	• Identify and solve or report problems arising in the course of work operations • Monitor and anticipate problems that may occur in the course

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Employability Skill	**Industry/enterprise requirements for this qualification include**:
	of work operations including hazards and risks and take appropriate action • Manage hazards and risks in a range of engine room watchkeeping situations, (e.g. workplace hazards, operations in heavy weather and seas, etc.)

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Employability Skill	Industry/enterprise requirements for this qualification include:
Initiative and enterprise	• Modify activities dependent on differing work situations and contingencies such as changes in the weather and sea conditions, changes in operational performance of equipment and vessel emergencies • Take appropriate initiatives in a range of work situations such as those above • Respond appropriately to any changes in equipment, standard operating procedures and the vessel's working environment
Planning and organising	• Follow and apply operational and emergency plans, systems and procedures for the vessel, including the vessel's safety management system and emergency procedures • Monitor systems and procedures for compliance with regulations and codes of practice • Monitor and evaluate operational performance and compliance • Collect, manage and interpret information needed in the course of engine room operations • Organise and plan own management activities as engineer watchkeeper on a vessel • Manage time and priorities in the course of engine room watchkeeping activities
Self-management	• Interpret and apply regulations, survey requirements, standard procedures and codes of practice as they apply to the engine room operations, including OH&S, environmental protection, security and SOLAS requirements • Establish and follow own work plans and schedules • Evaluate and monitor own work and management performance
Learning	• Contribute to learning and assessment activities on the vessel, including emergency drills, safety and security awareness training, and continuing professional development of crew members • Assist crew members to adapt to any changes in the equipment, procedures and the vessel's operating environment (e.g. sea and weather conditions) • Assist in the instruction, coaching or mentoring of other crew members on the vessel • Contribute to the assessment of the competency of other crew members • Assist in the creation of a learning environment on board the vessel • Adapt own competency to any changes in the vessel type, its

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Employability Skill	Industry/enterprise requirements for this qualification include:
	equipment and its operating environment • Update own knowledge and skills
Technology	• Operate equipment and systems used in work activities • Follow and apply operational and maintenance systems for the equipment and systems used in work activities • Follow and apply safety management system and OH&S procedures for use and maintenance of equipment and systems used in work activities • Carry out the preventative and remedial maintenance procedures for the equipment and systems used in work activities

Packaging Rules

Requirements for completion of the qualification:
A successful outcome of **twenty-three** units of competency which must include:

- **the seven mandatory units** listed below, plus
- at least **sixteen additional units** (at least seven of which must be aligned at AQF Level 5) to satisfy specific additional maritime employment needs beyond the minimum mandatory requirements.

MANDATORY REQUIREMENTS FIELD		UNIT	
E	**Communication**	TDMME1107 A	Contribute to communication and teamwork on a coastal vessel Note 1
F	**Operational Quality and Safety**	TDMMF1007B	Provide elementary first aid
		TDMMF1107B	Survive at sea in the event of vessel abandonment
		TDMMF3207C	Apply domestic regulation and industry practices when operating a small coastal vessel
		TDMMF5407 A	Observe safely and emergency procedures on a coastal vessel Note 2
		TDMMF5507 A	Fight and extinguish fires on board a coastal vessel Note 3

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U	**Environment**	TDMMU507B	Ensure compliance with environmental considerations in a small domestic vessel Note 4

Note 1: TDMME1107A is a **new unit** incorporating the requirements of the previous two units TDMME101A Understand orders and be understood in relation to shipboard duties and TDMML201A Contribute to effective human relationships on board a vessel (as they apply to coastal vessel operations).
Note 2: TDMMF5407A is a **new unit** incorporating the requirements of the previous two units TDMMF701B Observe safe working practices and TDMMF801B Comply with emergency procedures.
Note 3: TDMMF5507A is a **new unit** incorporating the requirements of the previous two units TDMMF5302A Fight and extinguish fires on board a commercial vessel and TDMMF1201A Minimise the risk of fire and maintain a state of readiness to respond to emergency situations involving fire.

Note 4: TDMMU407B Ensure compliance with pollution prevention measures may be substituted for TDMMU507B Ensure compliance with environmental considerations in a small domestic vessel.

ADDITIONAL UNITS
At least **sixteen relevant units** from this or other Training Packages (of which at least **seven** of which must be aligned at AQF Level 5) must be included in the qualification to satisfy specific additional maritime managerial and operational skill needs beyond the minimum mandatory requirements.
Where units of competency are included from another Training Package, Registered Training Organisations should check the National Training Information System (NTIS) or check the National Training Information System (NTIS) or contact the Industry Skills Council responsible for the Training Package to check if the unit has any pre-requisite or co-requisite requirements.

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