

Qualification details



MAR50115 - Diploma of Maritime Operations (Engineer Watchkeeper)

Summary

Releases:	Release	Status	Release date
	1	Current	2015/02/27

Usage recommendation: **Superseded**

Mapping:	Mapping	Notes	Date
	Is superseded by and equivalent to MAR50120 - Diploma of Marine Engineering		2020/10/27
	Supersedes MAR50213 - Diploma of Maritime Operations (Engineer Watchkeeper)	MAR50213 supersedes TDM50207 Diploma of Transport Distribution (Marine Engineering - Engineer Watchkeeping)	2015/02/27

Training packages that include this qualification

Code	Title	Release
MAR	Maritime Training Package	2.0 - 6.0

Units of competency

Code	Title	Essential
HLTAID003	Provide first aid	Core
MARA001	Contribute to safe cargo operations on liquefied gas tankers	Elective
MARA002	Contribute to safe cargo operations on oil and chemical tankers	Elective
MARB013	Maintain and repair marine electrical and electronic equipment	Elective
MARB014	Maintain and repair shipboard machinery and equipment	Elective
MARC014	Operate deck machinery and steering gear on a vessel up to 80 metres	Elective
MARC018	Employ tools, equipment and materials in a shipboard context	Elective
MARE001	Communicate effectively when performing engineering duties	Core
MARF003	Follow vessel security procedures	Core
MARF006	Observe personal safety and social responsibility	Elective
MARF007	Operate survival craft and other lifesaving appliances	Elective
MARF008	Prevent and fight fires on board a vessel	Core
MARF009	Survive at sea in the event of vessel abandonment	Elective
MARF010	Work safely in confined spaces on a vessel	Core
MARF011	Manage firefighting and fire prevention activities on board a vessel	Elective
MARF013	Provide medical first aid on board a vessel	Elective
MARF022	Apply maritime resource management principles	Core
MARG004	Provide leadership to crew	Core
MARJ003	Ensure compliance with environmental management legislation	Core
MARL002	Apply basic principles of naval architecture	Core
MARL003	Demonstrate basic knowledge of marine auxiliary boilers	Core

Code	Title	Essential
MARL004	Demonstrate basic knowledge of marine auxiliary machinery and equipment	Core
MARL005	Demonstrate basic knowledge of marine control systems and automation	Core
MARL006	Demonstrate basic knowledge of marine diesel engines and systems	Elective
MARL007	Demonstrate basic knowledge of marine electrical systems	Core
MARL009	Perform basic marine engineering calculations	Core
MARL010	Apply basic principles of marine electrotechnology	Core
MARL011	Apply basic principles of marine engineering thermodynamics	Core
MARL012	Apply basic principles of marine mechanics	Core
MARL013	Demonstrate basic knowledge of marine steam turbines and main boilers	Elective
MARL037	Demonstrate knowledge of ships and ship routines	Core

Classifications

Scheme	Code	Name
ANZSCO Identifier	231212	Ship's Engineer
ASCED Qualification/Course Field of Education Identifier	0317	Maritime Engineering And Technology
Qualification/Course Level of Education Identifier	421	Diploma
Taxonomy - Industry Sector	N/A	Maritime Operations
Taxonomy - Occupation	N/A	Engineer Watchkeeper

Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	231212	Ship's Engineer	2015/05/14	
ASCED Qualification/Course Field of Education Identifier	0317	Maritime Engineering And Technology	2015/05/14	
Qualification/Course Level of Education Identifier	421	Diploma	2015/02/27	