

**Victorian Purchasing Guide
For
MAR Maritime Training Package
Release 5.1**

September 2018



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Victorian Purchasing Guide - Version History

Training Package Version	Date VPG Released	Comments
MAR Maritime Training Package Release No 5.1	December 2018	Correction of errors: MARC043 Transmit and receive information by marine radio MARC044 Transmit and receive information by marine VHF radio
MAR Maritime Training Package Release No 5	Sept 2018	This Victorian Purchasing guide reflects: <ul style="list-style-type: none"> • 14 revised near coastal qualifications • Revisions to 33 units of competency
MAR Maritime Training Package Release No 4	10 June 2016	This Victorian Purchasing Guide reflects: <ul style="list-style-type: none"> • the transition of the following qualifications to the Standards for Training Packages: <ul style="list-style-type: none"> - MAR20116 Certificate II in Maritime Operations (Linesperson) - MAR30116 Certificate III in Maritime Operations (Integrated Rating) - MAR40116 Certificate IV in Maritime Operations (Chief Integrated Rating) • the inclusion of 5 new units of competency • the transition of 18 units of competency to the Standards for Training Packages
MAR Maritime Training Package Release No 3	26 October 2015	This Victorian Purchasing Guide reflects: <ul style="list-style-type: none"> • the transition of the following qualifications to the Standards for Training Packages: <ul style="list-style-type: none"> - MAR30315 Certificate III in Marina Operations - MAR30415 Certificate III in Maritime Operations (Marine Cookery) - MAR50315 Diploma of Maritime Operations (Watchkeeper Deck) - MAR50415 Diploma of Maritime Operations (Master up to 500 GT) - MAR60315 Advanced Diploma of Maritime Operations (Master Unlimited) • Inclusion of the new qualification MAR30315 Certificate III in Marina Operations • the transition of twelve units of competency to the Standards for Training Packages and inclusion of eight new units of competency
MAR Maritime Training Package Release No 2	15 April 2015	This Victorian Purchasing Guide reflects the following changes endorsed in Release 2 of the MAR Maritime Training Package: <ul style="list-style-type: none"> • Radio Operations and Fast Rescue Craft • Offshore Familiarisation • the alignment of seven ocean going qualifications to the Standards for Training Packages.

MAR Maritime Training Package Release No 1	7 February 2014	This Victorian Purchasing Guide reflects the changes made from Maximum Nominal Hours to Maximum and Minimum Payable Hours.
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MAR Maritime Training Package Victorian Purchasing Guide

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INTRODUCTION

What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- The maximum and minimum payable hours available for each qualification.
- Nominal hours for each unit of competency within the Training Package.

Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and statements of attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of education and training providers in VET who provide courses to domestic students only and who offer training in Victoria only or Victoria and Western Australia only.

To register to provide training to international students and in other Australian states and territories you will need to apply with ASQA.

QUALIFICATIONS

Code	Title	Minimum Payable Hours	Maximum Payable hours
MAR10318	Certificate I in Maritime Operations (General Purpose Hand Near Coastal)	176	185
MAR10418	Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)	323	340
MAR20116	Certificate II in Maritime Operations (Linesperson)	221	233
MAR20318	Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	468	493
MAR20418	Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)	402	423
MAR30118	Certificate III in Maritime Operations (Marine Engine Driver Steam)	342	360
MAR30218	Certificate III in Maritime Operations (Integrated Rating)	630	663
MAR30215	Certificate III in Maritime Operations (Marine Surveying)	280	295
MAR30318	Certificate III in Marina Operations	459	483
MAR30415	Certificate III in Maritime Operations (Marine Cookery)	359	378
MAR30818	Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)	507	533
MAR30918	Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)	559	588
MAR31018	Certificate III in Maritime Operations (Master Inland Waters)	378	398
MAR40118	Certificate IV in Maritime Operations (Marine Surveying)	447	470
MAR40218	Certificate IV in Maritime Operations (Chief Integrated Rating)	844	888
MAR40518	Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)	708	745
MAR40618	Certificate IV in Maritime Operations (Master up to 35 metres Near Coastal)	670	705
MAR50115	Diploma of Maritime Operations (Engineer Watchkeeper)	640	673

Code	Title	Minimum Payable Hours	Maximum Payable hours
MAR50215	Diploma of Maritime Operations (Marine Surveying)	504	530
MAR50315	Diploma of Maritime Operations (Watchkeeper Deck)	872	918
MAR50415	Diploma of Maritime Operations (Master up to 500 GT)	1034	1088
MAR50613	Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal)	385	405
MAR50713	Diploma of Maritime Operations (Master up to 80 metres Near Coastal)	912	960
MAR60115	Advanced Diploma of Maritime Operations (Marine Engineering Class 2)	703	740
MAR60215	Advanced Diploma of Maritime Operations (Marine Engineering Class 1)	789	830
MAR60315	Advanced Diploma of Maritime Operations (Master Unlimited)	1124	1183

UNITS OF COMPETENCY

Unit Code	Unit Title	Nominal hours
MARB016	Contribute to routine engine maintenance on a vessel	20
MARB017	Perform routine maintenance and repairs on a vessel	40
MARB018	Implement vessel planned maintenance system	40
MARB019	Manage stores for planned maintenance system	30
MARB025	Maintain mooring equipment	20
MARB026	Apply knowledge of marine terminology and port procedures	30
MARC022	Perform mooring and unmooring activities	20
MARC027	Contribute to the operation of engine equipment and associated propulsion plant	30
MARC028	Operate deck machinery, cargo handling gear and equipment on a vessel	20
MARC029	Perform rigging on board a vessel	40
MARC030	Use and care for hand and power tools	35
MARC031	Shift mooring lines using mechanical means	25
MARC032	Perform dogging on board a vessel	60
MARE002	Communicate during mooring and unmooring activities	10
MARF017	Follow work health and safety, and emergency procedures during mooring and unmooring activities	20
MARF018	Assist in an emergency response	30
MARF019	Operate emergency equipment and apply emergency procedures	5
MARF026	Follow port and terminal security procedures	20
MARG005	Supervise a crew	40
MARK005	Steer a vessel under direction of the Master	20
MARN007	Use seamanship skills on board a vessel	50
MARO005	Contribute to monitoring and controlling a safe engine watch	10
MARO006	Contribute to monitoring and controlling a safe navigational watch	10
MARA001	Contribute to safe cargo operations on liquefied gas tankers	60
MARA002	Contribute to safe cargo operations on oil and chemical tankers	60
MARA003	Manage loading, discharging and stowing of cargo	30
MARA004	Manage vessel stability	20
MARA005	Maintain vessel stability	60
MARA006	Monitor loading, unloading and stowage of cargo	50
MARA007	Contribute to safe cargo operations on offshore support vessels	60
MARA008	Contribute to safe anchor handling and towing operations	40
MARB001	Assist with routine maintenance of a vessel	20
MARB027	Perform basic servicing and maintenance of main propulsion unit and auxiliary systems	40
MARB028	Service marine internal combustion engines and propulsion and auxiliary systems	65
MARB029	Perform routine maintenance on a vessel up to 24 metres	50
MARB030	Slip or dock a vessel and maintain hull on a vessel up to 80 metres	30
MARB031	Maintain marine internal combustion engines, propulsion plant and auxiliary systems	30
MARB032	Undertake basic maintenance of electrical systems	40

Unit Code	Unit Title	Nominal hours
MARB008	Carry out basic welding, brazing, cutting and machining operations on a coastal vessel	35
MARB009	Manage refuelling	20
MARB010	Plan and supervise routine maintenance on a vessel up to 80 metres	40
MARB011	Undertake maintenance of 240 to 440 voltage alternating current electrical systems	20
MARB012	Undertake maintenance of machinery, machinery systems and structural components	30
MARB013	Maintain and repair marine electrical and electronic equipment	60
MARB014	Maintain and repair shipboard machinery and equipment	50
MARB015	Maintain firefighting appliances	20
MARC033	Complete engine room tasks	50
MARC034	Maintain hull out of water	20
MARC035	Operate and maintain extra low and low voltage electrical systems and equipment	25
MARC036	Operate deck machinery	25
MARC037	Operate inboard and outboard motors	35
MARC038	Operate main propulsion unit and auxiliary systems	30
MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems	60
MARC040	Manage fuel systems	30
MARC041	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems	50
MARC042	Operate electrical systems	25
MARC011	Manage a propulsion unit using appropriate engine systems and support services	30
MARC012	Monitor and manage vessel operations	30
MARC013	Operate auxiliary machinery systems up to 1500 kW	20
MARC014	Operate deck machinery and steering gear on a vessel up to 80 metres	20
MARC015	Operate marine internal combustion engines and associated systems up to 1500 kW	50
MARC016	Operate propulsion transmission systems up to 1500 kW	20
MARC017	Operate 240 to 440 voltage alternating current electrical systems	20
MARC018	Employ tools, equipment and materials in a shipboard context	40
MARC019	Transmit and receive information by marine VHF radio within Australian Territorial Waters	20
MARC043	Transmit and receive information by marine radio	20
MARC044	Transmit and receive information by marine VHF radio	20
MARC023	Operate and maintain a boiler	40
MARC024	Operate and maintain a steam engine up to 750 kW and steam auxiliary equipment	30
MARC025	Operate and maintain engines for auxiliary systems other than steam auxiliary systems	30
MARD001	Manage business and administration on vessels limited by tonnage or near coastal operations	80
MARD002	Manage operations and maintenance on vessels limited by tonnage or near coastal operations	20

Unit Code	Unit Title	Nominal hours
MARE001	Communicate effectively when performing engineering duties	40
MARF027	Apply basic survival skills in the event of vessel abandonment	35
MARF028	Follow procedures to minimise and fight fires on board a vessel	30
MARF003	Follow vessel security procedures	30
MARF029	Meet work health and safety requirements	30
MARF030	Survive at sea using survival craft	15
MARF006	Observe personal safety and social responsibility	50
MARF007	Operate survival craft and other lifesaving appliances	50
MARF008	Prevent and fight fires on board a vessel	30
MARF009	Survive at sea in the event of vessel abandonment	30
MARF010	Work safely in confined spaces on a vessel	30
MARF011	Manage firefighting and fire prevention activities on board a vessel	90
MARF012	Control safe access to and on vessel	15
MARF013	Provide medical first aid on board a vessel	20
MARF014	Respond to emergencies	15
MARF015	Manage provision of medical care on board a vessel	40
MARF016	Carry out fast rescue craft operations	40
MARF022	Apply maritime resource management principles	70
MARG001	Work effectively as part of a crew on a vessel up to 80 metres	10
MARG002	Manage a small crew	50
MARG003	Manage an engine room and small engineering team	40
MARG004	Provide leadership to crew	40
MARH013	Plan and navigate a passage for a vessel up to 12 metres	50
MARH014	Apply weather information when navigating inland waters as Master	25
MARH015	Manage and maintain a navigational watch on board vessels up to 80 metres	40
MARH016	Plan and navigate a passage for a vessel up to 80 metres	100
MARH017	Use wheelhouse equipment for safe navigation	60
MARH006	Forecast weather and oceanographic conditions	10
MARH007	Apply command navigation procedures on vessels limited by tonnage or near coastal operations	30
MARH008	Plan and conduct a passage	80
MARH009	Use an electronic chart display and information system to navigate safely	30
MARH010	Use bridge equipment to determine vessel position	30
MARI003	Comply with regulations to ensure safe operation of a vessel up to 12 metres	40
MARI004	Observe regulations to ensure safe operation of a vessel up to 80 metres	30
MARJ006	Follow environmental work practices	35
MARJ007	Monitor environmental management on a vessel	25
MARJ003	Ensure compliance with environmental management legislation	20
MARJ004	Inspect and report defects and damage to vessel	20
MARK007	Handle a vessel up to 12 metres	80
MARK008	Manoeuvre a vessel up to 24 metres within near coastal waters	20
MARK003	Manoeuvre a vessel up to 80 metres	30

Unit Code	Unit Title	Nominal hours
MARK004	Perform basic vessel manoeuvres	40
MARL001	Carry out engineering calculations	20
MARL002	Apply basic principles of naval architecture	20
MARL003	Demonstrate basic knowledge of marine auxiliary boilers	20
MARL004	Demonstrate basic knowledge of marine auxiliary machinery and equipment	30
MARL005	Demonstrate basic knowledge of marine control systems and automation	20
MARL006	Demonstrate basic knowledge of marine diesel engines and systems	20
MARL007	Demonstrate basic knowledge of marine electrical systems	20
MARL008	Demonstrate basic knowledge of ships and ship routines	20
MARL009	Perform basic marine engineering calculations	25
MARL010	Apply basic principles of marine electrotechnology	20
MARL011	Apply basic principles of marine engineering thermodynamics	20
MARL012	Apply basic principles of marine mechanics	20
MARL013	Demonstrate basic knowledge of marine steam turbines and main boilers	25
MARL014	Apply intermediate principles of marine electrotechnology	50
MARL015	Apply intermediate principles of marine engineering thermodynamics	40
MARL016	Apply intermediate principles of marine mechanics	40
MARL017	Apply intermediate principles of naval architecture	40
MARL018	Apply advanced principles of marine electrotechnology	60
MARL019	Apply advanced principles of marine engineering thermodynamics	50
MARL020	Apply advanced principles of marine mechanics	50
MARL021	Apply advanced principles of naval architecture	50
MARL022	Demonstrate basic knowledge of ship construction	40
MARL023	Demonstrate basic knowledge of ship operation and maintenance	30
MARL024	Demonstrate intermediate knowledge of marine auxiliary boilers	30
MARL025	Demonstrate intermediate knowledge of marine auxiliary machinery and systems	40
MARL026	Demonstrate intermediate knowledge of marine control systems and automation	30
MARL027	Demonstrate intermediate knowledge of marine diesel engines and systems	40
MARL028	Demonstrate intermediate knowledge of marine electrical systems	40
MARL029	Demonstrate intermediate knowledge of marine steam turbines and main boilers	80
MARL030	Demonstrate advanced knowledge of marine auxiliary boilers	40
MARL031	Demonstrate advanced knowledge of marine auxiliary machinery and systems	50
MARL032	Demonstrate advanced knowledge of marine control systems and automation	60
MARL033	Demonstrate advanced knowledge of marine diesel engines and systems	50
MARL034	Demonstrate advanced knowledge of marine electrical systems	60
MARL035	Demonstrate advanced knowledge of marine steam turbines and main boilers	80
MARL036	Demonstrate advanced knowledge of ship operation and maintenance	60
MARL037	Demonstrate knowledge of ships and ship routines	25

Unit Code	Unit Title	Nominal hours
MARM001	Apply knowledge of safety management system legal framework in the workplace	40
MARM002	Apply vessel construction theory to marine survey tasks	40
MARM003	Identify factors that affect a commercial vessels's fitness for purpose	40
MARM004	Work in the marine surveying sector	20
MARM005	Assess compliance with marine environment protection requirements	30
MARM006	Assist in the survey of commercial vessels	20
MARM007	Assist in the survey of vessel mechanical features	20
MARM008	Evaluate vessel stability	20
MARM009	Implement a systematic approach to the audit of safety management systems	20
MARM010	Survey lifesaving appliances, fire and other safety systems	20
MARM011	Calculate, assess and report on vessel trim and stability	100
MARM012	Conduct a range of surveys on domestic commercial vessels	60
MARM013	Conduct an audit of safety management systems	50
MARM014	Develop marine survey reports	40
MARM015	Participate in investigating marine incidents	50
MARM016	Survey hull and superstructure of a commercial vessel	40
MARM017	Survey vessel operational systems	40
MARM018	Undertake a periodic statutory survey	50
MARM019	Establish a marine surveyor practice	50
MARN001	Apply general purpose hand skills aboard a vessel	30
MARN008	Apply seamanship skills aboard a vessel up to 12 metres	55
MARN009	Perform seamanship operations on board a vessel up to 24 metres	25
MARN004	Manage seaworthiness of a vessel up to 80 metres	20
MARN005	Maintain seaworthiness of a vessel	20
MARO001	Perform basic lookout duties	15
MARO002	Maintain a safe navigational watch	30
MARO003	Transmit and receive information by the global maritime distress and safety system	20
MARO004	Transmit and receive information by visual signalling	30
MARA009	Manage stability of a vessel 500 gross tonnage or more	60
MARA010	Manage loading, unloading and stowage of cargo	50
MARB020	Manage repairs and maintenance of a vessel 500 gross tonnage or more	40
MARB021	Perform routine tasks in a marina	25
MARB022	Refuel a vessel	20
MARB023	Maintain marina infrastructure	40
MARB024	Undertake basic boatyard operations	40
MARC026	Operate remote controls of propulsion plant and engineering systems	30
MARD003	Manage legal requirements of a vessel	40
MARF020	Coordinate search and rescue operations	20
MARF021	Manage safety and security of vessel crew and passengers	50
MARF023	Apply safe work practices in a marina	30
MARF024	Classify marina infrastructure, vessels and staffing structure	20

Unit Code	Unit Title	Nominal hours
MARF025	Respond to marina emergencies	30
MARG006	Manage a vessel and its crew	120
MARH011	Forecast weather and oceanographic conditions to plan a safe passage	40
MARH012	Manage the navigation of a vessel 500 gross tonnage or more	60
MARJ005	Manage compliance with environmental management legislation	25
MARK006	Manoeuvre a vessel 500 gross tonnage or more	40
MARN006	Manage cargo operations	60

SAMPLE TRAINING PROGRAMS

The following sample training program f demonstrates how units from the **MAR Maritime Training Package** might be packaged to meet a particular vocational outcome.

Occupation/ Work Function	General Hand	
Qualification Title	Certificate III in Marina Operations	
Qualification Code	MAR30318	
Description	This sample training program is appropriate for a person working in an operational role in a marina.	
Unit Code	Unit Title	Hours
Core		
BSBCUS201	Deliver a service to customers	40
BSBINN201	Contribute to workplace innovation	35
BSBWOR203	Work effectively with others	15
MARB021	Perform routine tasks in a marina	25
MARB022	Refuel a vessel	20
MARB023	Maintain marina infrastructure	40
MARF023	Apply safe work practices in a marina	30
MARF024	Classify marina infrastructure, vessels and staffing structure	20
MARF025	Respond to marina emergencies	30
MEM50003B	Follow work procedures to maintain the marine environment	10
MEM50004B	Maintain quality of environment by following marina codes	10
Elective		
HLTAID003	Provide first aid	18
MARC019	Transmit and receive information by marine VHF radio within Australian Territorial Waters	20
BSBCMM201	Communicate in the workplace	40
MARB024	Undertake basic boatyard operations	40
MEM11010B	Operate mobile load shifting equipment	40
MARN008	Apply seamanship skills aboard a vessel up to 12 metres	50

CONTACTS AND LINKS

Curriculum Maintenance Manager (CMM)		
Service Industries CMM Transport and Distribution	The CMM Service is provided by Executive Officers, across all industry areas covered by Training Packages. They can assist with questions on payable and nominal hours.	Cheryl Bartolo Ph: (03) 9919 5302 E: cheryl.bartolo@vu.edu.au
Skills Service Organisation (SSO)		
Australian Industry Standards	This SSO is responsible for developing this MAR Maritime Training Package , companion volumes and support material and can be contacted for further information.	Level 2 31 Market Street South Melbourne VIC 3205 Ph: (03) 9604 7200 The SSO website can be found here
National Register for VET in Australia		
Training.gov.au (TGA)	TGA is the Australian government's official National Register of information on Training Packages, Accredited Courses, qualifications, units of competency and RTOs.	National Register website can be found here .
Australian Government		
Department of Education and Training	The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.	The Commonwealth Department of Education and Training website can be found here
Victorian State Government		
Department of Education and Training (DET)	DET is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships policy.	(03) 9637 2000 The Victorian Department of Education and Training website can be found here
National VET Regulatory Authority		
Australian Skills Quality Authority (ASQA)	ASQA is the national regulator for Australia's VET sector.	Info line: 1300 701 801 ASQA's website can be found here
Victorian State VET Regulatory Authority		
Victorian Registration and Qualifications Authority (VRQA)	The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria.	(03) 9637 2806 VRQA's website can be found here
Industry Regulatory Bodies applicable to this Training Package		

<p>Australian Maritime Safety Authority</p>	<p>Australia's national agency responsible for maritime safety, protection of the marine environment, and maritime aviation search and rescue.</p>	<p>Address: Level 13, 15 William Street Melbourne VIC 3000 Australia Ph: 1800 627 484 More information is available here</p>
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GLOSSARY

Code	Nationally endorsed Training Package qualification code.
Title	Nationally endorsed Training Package qualification title.
Unit Code	Nationally endorsed Training Package unit of competency code.
Unit Title	Nationally endorsed Training Package unit of competency title.
Payable Hours	The maximum number of hours the Victorian Government will subsidise under the Victorian Training Guarantee for the achievement of the minimum realistic vocational outcome of any qualification, as determined by the qualification packaging rules. The maximum payable hours do not cover every possible combination of core and elective units available for a specific qualification.
Nominal Hours	Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria.