



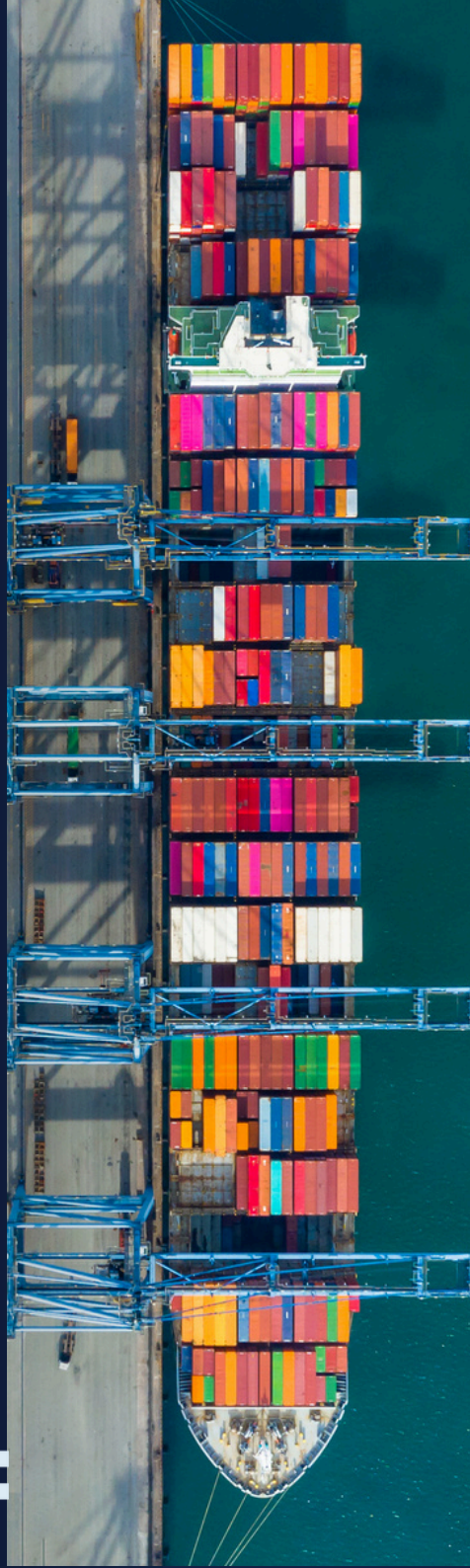
Industry Skills
Australia

ANNUAL TRAINING PRODUCT DEVELOPMENT PLAN

2024

**Jobs and
Skills
Councils**

An Australian Government Initiative



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Annual Training Product Development Plan

Industry Skills Australia (ISA) is a Jobs and Skills Council funded by the Australian Government Department of Employment and Workplace Relations. We produce the Annual Training Product Development Plan to provide a summarisation of the planned training product development activities for 2024. This includes the industry need for the work, the scope of work to be undertaken and the reasoning for the prioritisation. All projects will be undertaken in accordance with the requirements of the [Training Package Organising Framework](#).

AVI Aviation Training Package

Aviation Rescue

Approx. Start Date	Approx. End Date
Mar 2024	Mar 2025

Project Detail: The Australian government and the Australian Maritime Safety Authority (AMSA) contract operators to protect Australia’s borders and also conduct search and rescue missions to save lives. These operations cover a vast geographical surface of 52.8 million kilometres and missions are conducted by aircrew and rescue officers in both rotary and fixed wing aircrafts in both civil and defence contexts.

Currently the existing qualifications AVI30519 - Certificate III in Aviation (Rescue Crew Officer) and AVI40119 - Certificate IV in Aviation (Air Crew Officer) are skewed towards rotary aircraft. Existing packaging rules and the content of the Units of Competency make it impossible to attain competency in either fixed wing or a non-defence context in which the missions can be conducted.

The project review will seek to enhance the qualifications usability across multiple sectors including State Emergency Services and other specialist emergency services using fixed wing aircraft. The review will also identify redundant Units of Competency. The review provides the opportunity for air crew and rescue crew officers who work on fixed wing aircraft to attain a nationally recognised qualification and boost career progression and workforce mobility in closely associated sectors.

Training Product Priority

Routine

The project is in response to industry needs to enhance the recognition of VET qualifications and ensure they meet industry needs and practices. The project is routine and requires a period of 12 months to be completed.

Scope of Training Products for Aviation Rescue

The update to the Aviation Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
2	0	34	0	17	0

In addition, the Units of Competency are also used in the following training packages:

- DEF - Defence
- MEA - Aeroskills

[Industry Skills Australia](#) will consult with the relevant Jobs Skills and Skills Councils (Public Skills Australia, Manufacturing Industry Skills Alliance) about the updates.

Training Package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Unit	AVIE0003	Operate aeronautical radio	Update	AVI Release 11.0
Unit	AVIE0005	Complete a Notice to Airmen (NOTAM)	Update	AVI Release 11.0
Unit	AVIE0006	Maintain aircraft radio communications	Update	AVI Release 11.0
Unit	AVIF0023	Apply aircraft safety procedures	Update	AVI Release 11.0
Unit	AVIF0024	Provide first aid in an aviation environment	Update	AVI Release 11.0
Unit	AVIF0026	Implement aviation risk management processes	Update	AVI Release 11.0
Unit	AVIF0027	Implement aviation fatigue risk management processes	Update	AVI Release 11.0
Unit	AVIF0035	Manage human factors in aviation operations	Update	AVI Release 11.0
Unit	AVIF0038	Undertake aircraft underwater escape and survival	Update	AVI Release 11.0
Unit	AVIF0039	Utilise emergency breathing system	Update	AVI Release 11.0
Unit	AVIF0040	Employ fatigue risk management practices in an aviation workplace	Update	AVI Release 11.0
Unit	AVIF0041	Maintain the safety of people and aircraft	Update	AVI Release 11.0
Unit	AVIF0042	Respond to abnormal and emergency situations in an aircraft	Update	AVI Release 11.0

Unit	AVIF0044	Marshal aircraft	Update	AVI Release 11.0
Unit	AVIJ0002	Conduct quality control operations related to refuelling and defueling aircraft	Update	AVI Release 11.0
Unit	AVIL0005	Plan an aircraft load	Update	AVI Release 11.0
Unit	AVIO0017	Manage disruptive behaviour and unlawful interference with aviation	Update	AVI Release 11.0
Unit	AVIW0003	Undertake helicopter aquatic rescue and recovery	Update	AVI Release 11.0
Unit	AVIW0016	Rappel from a helicopter	Update	AVI Release 11.0
Unit	AVIW0020	Refuel aircraft	Update	AVI Release 11.0
Unit	AVIW0024	Perform down the wire duties	Update	AVI Release 11.0
Unit	AVIW0025	Complete aircraft and flight equipment pre- and post-flight actions	Update	AVI Release 11.0
Unit	AVIW0026	Conduct night vision imaging system operations	Update	AVI Release 11.0
Unit	AVIW0027	Deliver pyrotechnics and handheld stores	Update	AVI Release 11.0
Unit	AVIW0030	Manage aircraft sensor systems	Update	AVI Release 11.0
Unit	AVIW0034	Perform non-pilot cockpit duties	Update	AVI Release 11.0
Unit	AVIY0040	Apply aeronautical knowledge to aviation operations	Update	AVI Release 11.0
Unit	AVIY0041	Apply the principles of civil air law to aviation operations	Update	AVI Release 11.0
Unit	AVIY0051	Conduct helicopter landing site and unprepared helicopter landing site operations	Update	AVI Release 11.0
Unit	AVIY0065	Conduct external load-lift operations	Update	AVI Release 11.0
Unit	AVIY0066	Conduct hoisting operations	Update	AVI Release 11.0
Unit	AVIY0067	Conduct airborne extraction operations	Update	AVI Release 11.0
Unit	AVIY0068	Conduct airborne rappelling operations	Update	AVI Release 11.0
Unit	AVIZ0003	Maintain basic situational awareness in an aviation workplace	Update	AVI Release 11.0
Skill Set	AVISS00033	Airborne Rappelling Supervisor Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00035	Aircraft Underwater Escape Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00036	Aviation Operator Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00037	Cabin Crew Supervisor Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00038	Emergency Breathing System Skill Set	Update	AVI Release 11.0

Skill Set	AVISS00042	Helicopter Wireman Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00045	Night Vision Imaging System Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00047	Notice to Airmen Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00053	Aerodrome Reporting Officer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00054	Aerodrome Works Safety Officer working with a Method of Works Plan Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00055	Aerodrome Works Safety Officer working on Time Limited Works Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00057	Remotely Piloted Aircraft Systems Observer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00058	Aeromedical Operator Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00061	Aviation Shift Supervisor Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00071	Aviation Risk Management Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00072	Aviation Safety Management Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00074	Aeronautical Radio Operator Skill Set	Update	AVI Release 11.0
Qual	AVI30519	Certificate III in Aviation (Rescue Crew Officer)	Update	AVI Release 11.0
Qual	AVI40119	Certificate IV in Aviation (Air Crew Officer)	Update	AVI Release 11.0

AVI Aviation Training Package

Approx. Start Date	Approx. End Date
Mar 2024	Mar 2025

Transport Security Protection

Project Detail: The Department of Home Affairs acts as the security regulator for the aviation, maritime, and air cargo sectors, setting the training and qualification requirements for security screening officers for these sectors. This project is in response to recent regulatory changes requiring screening officers to hold the AVI20118 Certificate II in Transport Security Protection for the aviation and maritime sectors. This requirement came into effect on 16 January 2022 for the aviation and maritime sectors and 1 January 2023 for the air cargo sector.

The project will review the qualification to ensure it meets regulatory requirements and has the necessary specifications to produce for competent and regulatory compliant cargo screeners.

Training Product Priority

Routine

Airport security screening is a vital part of airports' operations and is regulated by the Department of Home Affairs. Due to recent regulatory changes and reported challenges in delivering the content of this qualification, the Department have requested the need to review and update this qualification to ensure it reflect the latest security screening technologies and industry practices. The project requires a period of 12 months to be completed.

Scope of Training Products for Transport Security Protection

The update to the Aviation Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
1	0	16	0	6	0

The Units of Competency are not used in any other training packages.

Training Package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Unit	AVIF0015	Apply awareness of dangerous goods and hazardous substances in the transport security environment	Update	AVI Release 11.0
Unit	AVIG0001	Work effectively in a transport security environment	Update	AVI Release 11.0
Unit	AVIO0003	Apply electronic metal detection	Update	AVI Release 11.0

Unit	AVIO0004	Conduct frisk search of persons	Update	AVI Release 11.0
Unit	AVIO0005	Conduct screening using explosive trace detection	Update	AVI Release 11.0
Unit	AVIO0006	Conduct vehicle search for access to security sensitive areas	Update	AVI Release 11.0
Unit	AVIO0007	Control access to and exit from a security sensitive area	Update	AVI Release 11.0
Unit	AVIO0008	Establish and maintain a sterile sensitive area	Update	AVI Release 11.0
Unit	AVIO0009	Identify and handle weapons, explosives and prohibited items	Update	AVI Release 11.0
Unit	AVIO0010	Identify powders, liquids, aerosols and gels (PLAGs)	Update	AVI Release 11.0
Unit	AVIO0011	Manage disruptive behaviour and unlawful interference within a transport security environment	Update	AVI Release 11.0
Unit	AVIO0012	Manage the flow of items for screening by X-ray screening equipment	Update	AVI Release 11.0
Unit	AVIO0013	Operate body scanner	Update	AVI Release 11.0
Unit	AVIO0014	Screen articles by interpreting X-ray images	Update	AVI Release 11.0
Unit	AVIO0015	Undertake physical search of cargo and articles	Update	AVI Release 11.0
Unit	AVIO0021	Conduct screening using 3D CT X-ray scanning techniques	Update	AVI Release 11.0
Skill Set	AVISS00073	Aerodrome Reporting Officer Supervisor Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00075	Air Cargo Screening Officer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00076	Domestic Airport Screening Officer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00077	International Airport Screening Officer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00078	Maritime Screening Officer Skill Set	Update	AVI Release 11.0
Skill Set	AVISS00079	3D Computed Tomography (CT) X-ray Scanning Skill Set	Update	AVI Release 11.0
Qual	AVI20118	Certificate II in Transport Security Protection	Update	AVI Release 11.0

AVI Aviation Training Package

Approx. Start Date	Approx. End Date
June 2024	December 2025

Diploma of Aviation (Flight Instructor)

Project Detail: The Diploma of Aviation (Flight Instructor) is the most used qualification to train flight instructors. There are currently 16 TAE Units of Competency including eight core Units of Competency that have been superseded and one core Unit that has been deleted. The changes are making it difficult for aviation schools and training organisations to deliver this qualification as it comes closer to the allowed ASQA transition period for superseded content. The Diploma of Aviation is a costly course which makes it imperative to revise the qualification to ensure students' certificate includes the updated Units of Competency and they are not having to go out and undertake further training to be current trainers.

Training Product Priority

Complex

Flight Instructors' role includes highly technical and non-technical tasks underpinned by a sound knowledge of educational theories and practices. The imported core and elective Units of Competency from the TAE Training Package require updating to the latest requirements to ensure there is no significant gap for flight instructors.

Stakeholders have also indicated their interest in aligning the qualification more closely with Civil Aviation Safety Authority's (CASA) Flight Instructor Rating Grade 3 licencing, standards and resources. Closer alignment with CASA licencing requirements significantly enhances the qualification's industry recognition and utility. The alignment will require consultation with a broad range of industry stakeholders and CASA to manage their requirements.

The project requires a period of 12 - 18 months to be completed.

Scope of Training Products for Diploma of Aviation (Flight Instructor)

The update to the Aviation Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
1	0	6	0	0	0

In addition, the Units of Competency are also used in the following training packages:

- DEF - Defence

[Industry Skills Australia](#) will consult with the relevant Jobs Skills and Skills Councils (Public Skills Australia) about the updates.

Training Package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Unit	AVIM0003	Conduct aeronautical knowledge training and flight training	Update	AVI Release 12.0
Unit	AVIM0004	Conduct training for the issue of an endorsement	Update	AVI Release 12.0
Unit	AVIM0005	Facilitate non-technical skills instruction	Update	AVI Release 12.0
Unit	AVIM0008	Operate a simulator	Update	AVI Release 12.0
Unit	AVIM0009	Facilitate training in a synthetic environment	Update	AVI Release 12.0
Unit	AVIM0010	Conduct flight review	Update	AVI Release 12.0
Skill Set	AVISS00049	Simulator Operator Skill Set	Update	AVI Release 12.0
Skill Set	AVISS00050	Simulator Operator/Trainer Skill Set	Update	AVI Release 12.0
Skill Set	AVISS00051	Simulator Trainer Skill Set	Update	AVI Release 12.0
Qual	AVI50419	Diploma of Aviation (Flight Instructor)	Update	AVI Release 12.0

AVI Aviation Training Package

Approx. Start Date	Approx. End Date
Mar 2024	Mar 2025

Remote Pilot Licence (RePL) Alignment

Project Detail: Drone utilisation in Australia is rapidly increasing across a wide range of industries. Drones enhance efficiency and accuracy in many tasks. This growth underscores the significance of training and compliance with regulations to ensure skilled and compliant drone operators. There is currently a misalignment between the Certificate III in Aviation (Remote Pilot) and Civil Aviation Safety Authority's (CASA) Remote Pilot Licence which presents a challenge for students. Despite completing the Certificate III, students are not awarded the CASA RePL, necessitating additional time and financial investment to complete CASA's course independently. This redundancy undermines the value of the Certificate III qualification. Aligning the Certificate III with CASA's RePL requirements enhances the qualification's industry recognition.

Training Product Priority

Routine

The project requires a period of 12 months to be completed. Consistency between the VET system and CASA regulations is crucial for creating a more efficient and effective pathway for aspiring remote pilots.

Scope of Training Products for RePL

The update to the Aviation Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
2	0	22	0	2	0

In addition, the Units of Competency are also used in the following Training Packages:

- AHC – Agriculture Horticulture and Conservation and Land Management
- UEG - Gas Industry
- UET - Transmission, Distribution and Rail Sector

[Industry Skills Australia](#) will consult with the relevant Jobs Skills and Skills Councils (Skills Insight & Powering Skills Organisation) about the updates.

Training Package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	AVI30419	Certificate III in Aviation (Remote Pilot)	Update	AVI Release 13.0

Qual	AVI59922	Diploma of Aviation (Chief Remote Pilot)	Update	AVI Release 13.0
Unit	AVIF0021	Manage human factors in remote pilot aircraft systems operations	Update	AVI Release 13.0
Unit	AVIH0006	Navigate remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIH0007	Operate remote pilot aircraft systems under night visual line of sight (NVLOS)	Update	AVI Release 13.0
Unit	AVIH0008	Operate remote pilot aircraft systems extended visual line of sight (EVLOS)	Update	AVI Release 13.0
Unit	AVIW0004	Perform operational inspections on remote operated systems	Update	AVI Release 13.0
Unit	AVIW0006	Perform infrastructure inspections using remote operated systems	Update	AVI Release 13.0
Unit	AVIW0007	Perform aerial mapping and modelling using remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIW0008	Conduct aerial search using remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIW0009	Conduct aerial delivery-retrieval using remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIW0028	Operate and manage remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIY0023	Launch, control and recover a remotely piloted aircraft	Update	AVI Release 13.0
Unit	AVIY0024	Operate remote pilot airship	Update	AVI Release 13.0
Unit	AVIY0025	Operate powered lift and tilt rotor remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIY0026	Conduct aerial application operations using remote pilot operated systems	Update	AVI Release 13.0
Unit	AVIY0027	Operate multi-rotor remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIY0029	Operate rotary wing remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIY0030	Operate fixed wing remote pilot aircraft systems	Update	AVI Release 13.0
Unit	AVIY0031	Apply the principles of air law to remote pilot aircraft systems operations	Update	AVI Release 13.0
Unit	AVIY0032	Apply RPAS payload and configuration management principles	Update	AVI Release 13.0
Unit	AVIY0052	Control remote pilot aircraft systems on the ground	Update	AVI Release 13.0
Unit	AVIY0053	Manage remote pilot aircraft systems energy source requirements	Update	AVI Release 13.0
Unit	AVIZ0005	Apply situational awareness in remote pilot aircraft systems operations.	Update	AVI Release 13.0
Skill Set	AVISS00057	Remotely Piloted Aircraft Systems Observer Skill Set	Update	AVI Release 13.0
Skill Set	AVISS00080	Remotely Piloted Aircraft Operations in Excluded Category Sub-2 kg Skill Set	Update	AVI Release 13.0

MAR Maritime Training Package

Marine Order 505

Approx. Start Date	Approx. End Date
Sep 2023	Sep 2024

Project Detail: After a 3-year period of industry consultation, a new maritime regulation known as Marine Order 505 (MO505) (Certificates of competency – National Law) for domestic commercial vessels came into effect on 1 January 2023.

Seafarers must hold an approved Australian Maritime Safety Authority (AMSA) Certificate of competency to perform the duties required by job roles on a vessel in Near Coastal waters, which includes the achievement of a maritime training package qualification or Skill Set and Units of Competency. In response to MO505, AMSA has requested that maritime training products for Near Coastal job roles be reviewed to reflect MO505 licensing and regulatory information.

These job roles include:

- General Purpose Hand
- Coxswain Grade 1, Coxswain Grade 2
- Master <100 metres, Master <45 meters, Master <24 meters
- Master Inland Waters
- Engineer Class 3
- Marine Engine Driver (Grade 1), Marine Engine Driver (Grade 2), Marine Engine Driver (Grade 3).

Training Product Priority

Routine

AMSA has confirmed this project is in response to a licensing and regulatory need and that the nominated Near Coastal broad range of job roles will require substantial public consultation and extended stakeholder engagement, which requires a period of 12 months.

Scope of Training Products for Marine Order 505

The update to the Maritime Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
18	0	81	1	8	1

In addition, the Units of Competency are also used in the following training packages:

- AHC - Agriculture, Horticulture and Conservation and Land Management Training Package
- PUA - Public Safety
- SFI - Seafood Industry
- SIT - Tourism, Travel and Hospitality Training Package

[Industry Skills Australia](#) will consult with the relevant Jobs Skills and Skills Council/s (Skills Insight, Public Skills Australia, Service and Creative Skills Australia) about the updates.

Training Package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	MAR10220	Certificate I in Maritime Operations (General Purpose Hand Near Coastal)	Update	MAR Release 11.0
Qual	MAR10418	Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)	Update	MAR Release 11.0
Qual	MAR20121	Certificate II in Maritime Operations (Linesperson)	Update	MAR Release 11.0
Qual	MAR20321	Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	Update	MAR Release 11.0
Qual	MAR20421	Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)	Update	MAR Release 11.0
Qual	MAR30122	Certificate III in Marina Operations	Update	MAR Release 11.0
Qual	MAR30220	Certificate III in Maritime Operations (Integrated Rating)	Update	MAR Release 11.0
Qual	MAR30320	Certificate III in Maritime Operations (Marine Cookery)	Update	MAR Release 11.0
Qual	MAR30821	Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)	Update	MAR Release 11.0
Qual	MAR30921	Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)	Update	MAR Release 11.0
Qual	MAR31021	Certificate III in Maritime Operations (Master Inland Waters)	Update	MAR Release 11.0
Qual	MAR40121	Certificate IV in Maritime Operations (Chief Integrated Rating)	Update	MAR Release 11.0
Qual	MAR40220	Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)	Update	MAR Release 11.0
Qual	MAR40320	Certificate IV in Maritime Operations (Master up to 45 metres Near Coastal)	Update	MAR Release 11.0
Qual	MAR50120	Diploma of Marine Engineering	Update	MAR Release 11.0
Qual	MAR50320	Diploma of Maritime Operations	Update	MAR Release 11.0
Qual	MAR60120	Advanced Diploma of Marine Engineering (Class 1)	Update	MAR Release 11.0

Qual	MAR60220	Advanced Diploma of Maritime Operations (Master Unlimited)	Update	MAR Release 11.0
Unit	MARA017	Maintain worthiness of the ship (ship stability)	Update	MAR Release 11.0
Unit	MARA022	Manage loading, discharging and stowing of cargo	Update	MAR Release 11.0
Unit	MARA024	Manage vessel stability	Update	MAR Release 11.0
Unit	MARA025	Monitor, loading, unloading, securing and stowage of cargo	Update	MAR Release 11.0
Unit	MARB027	Perform basic servicing and maintenance of main propulsion unit and auxiliary systems	Update	MAR Release 11.0
Unit	MARB028	Service marine internal combustion engines and propulsion and auxiliary systems	Update	MAR Release 11.0
Unit	MARB029	Perform routine maintenance on a vessel up to 24 metres	Update	MAR Release 11.0
Unit	MARB030	Slip or dock a vessel and maintain hull on a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARB031	Maintain marine internal combustion engines, propulsion plant and auxiliary systems	Update	MAR Release 11.0
Unit	MARB032	Undertake basic maintenance of electrical systems	Update	MAR Release 11.0
Unit	MARB034	Carry out basic welding, brazing, cutting and machining operations on a coastal vessel	Update	MAR Release 11.0
Unit	MARB039	Maintain and repair shipboard machinery and equipment	Update	MAR Release 11.0
Unit	MARB041	Manage refuelling	Update	MAR Release 11.0
Unit	MARB046	Plan and supervise routine maintenance on a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARB047	Undertake maintenance of 240 to 440 voltage alternating current electrical systems	Update	MAR Release 11.0
Unit	MARB048	Undertake maintenance of machinery, machinery systems and structural components	Update	MAR Release 11.0
Unit	MARB052	Apply knowledge of the principles of magnetic compass adjusting	Update	MAR Release 11.0
Unit	MARB053	Assist with routine maintenance on a commercial vessel	Update	MAR Release 11.0
Unit	MARC033	Complete engine room tasks	Update	MAR Release 11.0
Unit	MARC034	Maintain hull out of water	Update	MAR Release 11.0
Unit	MARC035	Operate and maintain extra low and low voltage electrical systems and equipment	Update	MAR Release 11.0
Unit	MARC036	Operate deck machinery	Update	MAR Release 11.0
Unit	MARC037	Operate inboard and outboard motors	Update	MAR Release 11.0
Unit	MARC038	Operate main propulsion unit and auxiliary systems	Update	MAR Release 11.0

Unit	MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems	Update	MAR Release 11.0
Unit	MARC040	Manage fuel systems	Update	MAR Release 11.0
Unit	MARC041	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems	Update	MAR Release 11.0
Unit	MARC042	Operate electrical systems	Update	MAR Release 11.0
Unit	MARC043	Transmit and receive information by marine radio	Update	MAR Release 11.0
Unit	MARC046	Employ tools, equipment and materials in a shipboard context	Update	MAR Release 11.0
Unit	MARC047	Manage a propulsion unit using appropriate engine systems and support services	Update	MAR Release 11.0
Unit	MARC048	Monitor and manage vessel operations	Update	MAR Release 11.0
Unit	MARC049	Operate 240 to 440 voltage alternating current electrical systems	Update	MAR Release 11.0
Unit	MARC050	Operate auxiliary machinery systems up to 1500 kW	Update	MAR Release 11.0
Unit	MARC051	Operate deck machinery and steering gear on a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARC053	Operate marine internal combustion engines and associated systems up to 1500 kW	Update	MAR Release 11.0
Unit	MARC054	Operate propulsion transmission systems up to 1500 kW	Update	MAR Release 11.0
Unit	MARC059	Transmit and receive information by marine VHF radio within Australian Territorial Waters	Update	MAR Release 11.0
Unit	MARD004	Manage business and administration on vessels limited by tonnage or near coastal operations	Update	MAR Release 11.0
Unit	MARD005	Manage operations and maintenance on vessels limited by tonnage or near coastal operations	Update	MAR Release 11.0
Unit	MARF027	Apply basic survival skills in the event of vessel abandonment	Update	MAR Release 11.0
Unit	MARF028	Follow procedures to minimise and fight fires on board a vessel	Update	MAR Release 11.0
Unit	MARF029	Meet work health and safety requirements	Update	MAR Release 11.0
Unit	MARF030	Survive at sea using survival craft	Update	MAR Release 11.0
Unit	MARF031	Apply leadership and team working capability	Update	MAR Release 11.0
Unit	MARF037	Follow vessel security procedures (security awareness training)	Update	MAR Release 11.0
Unit	MARF041	Observe personal safety and social responsibility (PSSR)	Update	MAR Release 11.0
Unit	MARF044	Prevent, control and fight fires on board a vessel (advanced firefighting)	Update	MAR Release 11.0

Unit	MARF046	Survive at sea in the event of vessel abandonment and personal survival techniques (PST)	Update	MAR Release 11.0
Unit	MARF047	Monitor compliance with legislative requirements	Update	MAR Release 11.0
Unit	MARG007	Manage a small crew	Update	MAR Release 11.0
Unit	MARG009	Manage an engine room and small engineering team in emergencies	Update	MAR Release 11.0
Unit	MARG012	Work as part of a crew on a commercial vessel	Update	MAR Release 11.0
Unit	MARH013	Plan and navigate a passage for a vessel up to 12 metres	Update	MAR Release 11.0
Unit	MARH014	Apply weather information when navigating inland waters as Master	Update	MAR Release 11.0
Unit	MARH015	Manage and maintain a navigational watch on board vessels up to 80 metres	Update	MAR Release 11.0
Unit	MARH016	Plan and navigate a passage for a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARH017	Use wheelhouse equipment for safe navigation	Update	MAR Release 11.0
Unit	MARH018	Apply command navigation procedures on vessels limited by tonnage or near coastal operations	Update	MAR Release 11.0
Unit	MARH019	Forecast weather and oceanographic conditions	Update	MAR Release 11.0
Unit	MARH022	Plan and conduct a passage and determine position	Update	MAR Release 11.0
Unit	MARH023	Use of electronic chart display and information system (ECDIS) to maintain the safety of navigation	Update	MAR Release 11.0
Unit	MARH024	Use of radar and other bridge equipment to maintain safety of navigation	Update	MAR Release 11.0
Unit	MARI003	Comply with regulations to ensure safe operation of a vessel up to 12 metres	Update	MAR Release 11.0
Unit	MARI004	Observe regulations to ensure safe operation of a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARJ006	Follow environmental work practices	Update	MAR Release 11.0
Unit	MARJ007	Monitor environmental management on a vessel	Update	MAR Release 11.0
Unit	MARJ008	Ensure compliance with pollution prevention requirements	Update	MAR Release 11.0
Unit	MARK007	Handle a vessel up to 12 metres	Update	MAR Release 11.0
Unit	MARK008	Manoeuvre a vessel up to 24 metres within Near Coastal waters	Update	MAR Release 11.0
Unit	MARK009	Manoeuvre a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARK011	Manoeuvre the ship	Update	MAR Release 11.0
Unit	MARL046	Carry out engineering calculations	Update	MAR Release 11.0
Unit	MARL053	Demonstrate advanced knowledge of ship operations and maintenance	Update	MAR Release 11.0

Unit	MARN008	Apply seamanship skills aboard a vessel up to 12 metres	Update	MAR Release 11.0
Unit	MARN009	Perform seamanship operations on board a vessel up to 24 metres	Update	MAR Release 11.0
Unit	MARN013	Manage seaworthiness of a vessel up to 80 metres	Update	MAR Release 11.0
Unit	MARN016	Apply general purpose hand skills aboard a commercial vessel	Update	MAR Release 11.0
Unit	MARO009	Maintain a safe navigational watch	Update	MAR Release 11.0
Unit	MARO012	Transmit and receive information by visual signalling	Update	MAR Release 11.0
Unit	MARN999Y	Command and manage a voyage on a vessel up to 45 metres (Near coastal)	New	MAR Release 11.0
Skill Set	MARSS00006	Marine Engineering Class 3 Near Coastal Shipboard Safety Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00008	Shipboard Safety Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00010	Marine Radio Operator's VHF and HF Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00017	Coxswains Grade 1 Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00029	Chief Integrated Rating Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00030	Global Maritime Distress Signal Radio Operators Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00033	Safety Training Certification Skill Set	Update	MAR Release 11.0
Skill Set	MARSS00035	Assist Marine Towage Operations Skill Set	Update	MAR Release 11.0
Skill Set	MARSS9999Y	Coxswain Grade 3	New	MAR Release 11.0

MAR Maritime Training Package

Approx. Start Date	Approx. End Date
Jun 2024	Sep 2024

Vessel Traffic Services

Project Detail: Vessel Traffic Service (VTS) Operators are required to be trained in current practices and technologies for managing vessel operations which meets International Maritime Organisation (IMO) requirements (also known as IMO - IALA Model Courses). New and revised recommendations and guidelines relating to the establishment and operation of VTS have been adopted by the IMO. MAR30022 Certificate III in Vessel Traffic Services does not reflect these requirements. The Australian Maritime Safety Authority (AMSA) has requested the qualification and six associated Units of Competency be deleted with one unit of competency retained. Training for VTS operators will be managed through the IMO - IALA Model Courses moving forward.

Training Product Priority

Fast Track

The project will be undertaken in collaboration with AMSA and include the removal of the training package product which no longer supports current practices and technology required by VTS Operators. The project requires a period of 6 months to be completed.

Scope of Training Products for Vessel Traffic Services

The update to the Maritime Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
1	0	6	0	0	0

The Units of Competency are not used in any other training packages.

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Unit	MARC063	Operate Vessel Traffic Services (VTS) equipment	Delete	MAR Release 11.0
Unit	MARF051	Apply communication, coordination and interactions for VTS provision	Delete	MAR Release 11.0
Unit	MARF052	Apply nautical knowledge	Delete	MAR Release 11.0
Unit	MARF053	Apply personal attributes	Delete	MAR Release 11.0
Unit	MARF056	Provide Vessel Traffic Services	Delete	MAR Release 11.0
Unit	MARI005	Respond to emergency situations	Delete	MAR Release 11.0
Qual	MAR30022	Certificate III in Vessel Traffic Services	Delete	MAR Release 11.0

MAR Maritime Training Package

Approx. Start Date	Approx. End Date
Jun 2024	May 2025

Autonomous Maritime Systems

Project Detail: Industry Skills Australia (ISA) was approached by industry to amend existing maritime training package products for Autonomous Underwater Vehicles (AUV) and Autonomous Surface Vessel (ASV) operators. The request is to remove pre-requisites and streamline units of competency for new and emerging job roles that will conduct AUV and ASV vessels operations. This removes barriers for learners and allows for wholistic delivery and assessment including a reduction in the duplication of skills and knowledge.

Training Product Priority

Routine

The project will be undertaken in collaboration with AMSA and include:

- The removal of prerequisite Units of Competency to remove barriers for students
- An updated Maritime Companion Volume Implementation Guide (CVIG) which includes:
 - revised licensing and regulatory information

The project requires a period of 12 months to be completed.

Scope of Training Products for Autonomous Maritime Systems

The update to the Maritime Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
1	0	6	0	3	0

The Units of Competency are not used in any other training packages.

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	MAR31222	Certificate III in Autonomous Maritime Systems	Update	MAR Release 13.0
Unit	MARF058	Apply knowledge of Autonomous Underwater Vehicles (AUV) technical management	Update	MAR Release 13.0
Unit	MARF059	Apply knowledge of Autonomous Surface Vessels (ASV) technical management	Update	MAR Release 13.0

Unit	MARH030	Apply knowledge of core Autonomous Underwater Vehicles (AUV) operations	Update	MAR Release 13.0
Unit	MARH031	Apply knowledge of core Autonomous Surface Vessels (ASV) operations	Update	MAR Release 13.0
Unit	MARH032	Conduct advanced Autonomous Underwater Vehicles (AUV) operations	Update	MAR Release 13.0
Unit	MARH033	Conduct advanced Autonomous Surface Vessels (ASV) operations	Update	MAR Release 13.0
Skill Set	MARSS00045	Autonomous Maritime Systems (AMS) Fundamentals Skill Set	Update	MAR Release 13.0
Skill Set	MARSS00046	Autonomous Underwater Vehicles (AUV) Technician Skill Set	Update	MAR Release 13.0
Skill Set	MARSS00047	Autonomous Surface Vessels (ASV) Technician Skill Set	Update	MAR Release 13.0

TLI Transport and Logistics Training Package

Approx. Start Date	Approx. End Date
Sep 2023	Jul 2024

Chain of Responsibility Regulatory Revision

Project Detail: The project requires aligning the two chain of responsibility units with the National Heavy Vehicle Regulators' (NHVR) requirements.

The two chain of responsibility units are predominately used by job roles across the transport industry for guidance in relation to the skills, knowledge and monitoring required to monitor and ensure the safety of transport activities. They include identifying and applying, chain of responsibility obligations in the Heavy Vehicle National Law (HVNL) or applicable state/territory law and regulations. They also include identifying and reporting chain of responsibility risks.

Training Product Priority

Fast Track

To ensure new participants receive up-to-date skills aligned with legal obligations, it is essential to expedite the project of revising and harmonising regulatory requirements mandated by the Heavy Vehicle National Law (HVNL) within the skills and knowledge of the Units of Competency.

Scope of Training Products for Chain of Responsibility Regulatory Revision

The update to the Transport and Logistics Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
22	0	2	0	7	0

In addition, the Units of Competency are also used in the following training packages:

- FWP - Forest and Wood Products
- UEG - Gas Industry

[Industry Skills Australia](#) will consult with the relevant Jobs Skills and Skills Council/s (Skills Insight, Powering Skills Organisation) about the updates.

Training package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	TLI20221	Certificate II in Road Transport Terminal Operations	Update	TLI Release 15.0
Qual	TLI20321	Certificate II in Stevedoring	Update	TLI Release 15.0
Qual	TLI20421	Certificate II in Supply Chain Operations	Update	TLI Release 15.0
Qual	TLI21221	Certificate II in Driving Operations	Update	TLI Release 15.0
Qual	TLI22421	Certificate II in Furniture Removal	Update	TLI Release 15.0
Qual	TLI30122	Certificate III in Mobile Crane Operations	Update	TLI Release 15.0
Qual	TLI30219	Certificate III in Stevedoring	Update	TLI Release 15.0
Qual	TLI30321	Certificate III in Supply Chain Operations	Update	TLI Release 15.0
Qual	TLI31222	Certificate III in Driving Operations	Update	TLI Release 15.0
Qual	TLI31321	Certificate III in International Freight Forwarding (Operator)	Update	TLI Release 15.0
Qual	TLI33321	Certificate III in Furniture Removal	Update	TLI Release 15.0
Qual	TLI40122	Certificate IV in Specialist Driving Operations	Update	TLI Release 15.0
Qual	TLI40221	Certificate IV in International Freight Forwarding (Senior Operator)	Update	TLI Release 15.0
Qual	TLI40321	Certificate IV in Supply Chain Operations	Update	TLI Release 15.0
Qual	TLI40421	Certificate IV in Stevedoring Operations	Update	TLI Release 15.0
Qual	TLI40521	Certificate IV in Traffic Control Room Operations	Update	TLI Release 15.0
Qual	TLI40722	Certificate IV in Mobile Crane Operations	Update	TLI Release 15.0
Qual	TLI50119	Diploma of International Freight Forwarding	Update	TLI Release 15.0
Qual	TLI50221	Diploma of Logistics	Update	TLI Release 15.0
Qual	TLI50621	Diploma of Rail Operations Management	Update	TLI Release 15.0
Qual	TLI50716	Diploma of Bus and Coach Operations	Update	TLI Release 15.0
Qual	TLI60222	Advanced Diploma of Supply Chain Management	Update	TLI Release 15.0
Unit	TLIF0009	Ensure the safety of transport activities (Chain of Responsibility)	Update	TLI Release 15.0
Unit	TLIF0014	Monitor the safety of transport activities (Chain of Responsibility)	Update	TLI Release 15.0

Skill Set	TLISS00157	Road Transport Driver Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00164	International Freight Forwarding Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00187	Coordinate Pooled Equipment Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00198	Operate Pooled Equipment Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00214	Chemical Tanker Driver Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00219	LP Gas Tanker Driver Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00223	Owner Driver Skill Set	Update	TLI Release 15.0

TLI Transport and Logistics Training Package

Approx. Start Date	Approx. End Date
Jun 2024	Jun 2025

Furniture Removal Project

Project Detail: This project proposes the deletion of the TLI Certificate II and III Furniture Removal qualifications, whilst retaining the units of competency applicable to furniture removal and incorporating them into alternative TLI qualifications at the appropriate level. This will include revising the specific furniture removal units of competency to ensure their relevance with current industry practices along with updating two existing Furniture Removal Skill Sets.

Training Product Priority

Routine

The project requires a period of 12 months to be completed.

Scope of Training Products for the Furniture Removal Project

The update to the Transport and Logistics Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
5	0	6	0	2	0

The Units of Competency are not used in any other training packages.

Training package products to be developed or updated are:

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	TLI20221	Certificate II in Road Transport Terminal Operations	Update	TLI Release 15.0
Qual	TLI31222	Certificate III in Driving Operations	Update	TLI Release 15.0
Qual	TLI22421	Certificate II in Furniture Removal	Delete	TLI Release 15.0
Qual	TLI33321	Certificate III in Furniture Removal	Delete	TLI Release 15.0
Qual	TLI20421	Certificate II in Supply Chain Operations	Update	TLI Release 15.0
Qual	TLI30321	Certificate III in Supply Chain Operations	Update	TLI Release 15.0
Unit	TLID2018	Handle furniture and effects	Update	TLI Release 15.0
Unit	TLID2019	Pack and unpack cartons during a removal	Update	TLI Release 15.0

Unit	TLID3048	Pack and unpack furniture and effects	Update	TLI Release 15.0
Unit	TLID3050	Coordinate furniture removal	Update	TLI Release 15.0
Unit	TLIE2032	Assess removal load	Update	TLI Release 15.0
Unit	TLIE3010	Estimate furniture removal jobs	Update	TLI Release 15.0
Skill Set	TLISS00184	Furniture Removal Pre-Packer Skill Set	Update	TLI Release 15.0
Skill Set	TLISS00166	Furniture Removal Team Leader Skill Set	Update	TLI Release 15.0

TLI Transport and Logistics Training Package

Approx. Start Date	Approx. End Date
Jun 2024	Jun 2025

Motor Vehicle Driver Training Project

Project Detail: Currently this qualification includes two core units of competency from the TAE - Training and Education Training Package which are now superseded. This will require an update to the Certificate IV in Motor Vehicle Driver Training to ensure all units are current and the qualification provides appropriate training for driving instructional roles. Completing this qualification is a mandatory requirement in most states and territories in order to gain a Driving Instructor's licence. It will specifically update two imported core units of competency from the TAE - Training and Education Training Package which are now superseded.

- TAEASS301 Contribute to assessment
- TAEDEL301 Provide work skill instruction

Training Product Priority

Routine

The project requires a period of 12 months to be completed.

Scope of Training Products for the Motor Vehicle Driver Project

The update to the Transport and Logistics Training Package products include:

Existing Qualification/s	New Qualification/s	Existing Unit/s	New Unit/s	Existing Skill Set/s	New Skill Set/s
1	0	0	0	0	0

The Units of Competency to be reviewed for usage are imported from other the TAE - Training and Education Training Package.

Product type	Code	Title	Proposed change (New/update/delete)	Proposed Training Package release
Qual	TLI41222	Certificate IV in Motor Vehicle Driver Training	Update	TLI Release 16.0



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