

**Field Service Sector**

### Review of *Maritime* Unit Standards

Subfield	Domain	ID
Maritime	Marine Engineering	4103, 4108, 19493, 26305, 29355-29361
	Maritime Engineering	4104, 4107, 15071, 15072
	Sea Survival and Sea Safety	4130, 4132, 4134, 4137-4139, 4144, 6912, 6913, 12306, 12307, 12309, 12310, 26236, 26541, 26542, 29218-29220, 29225, 29352-29354, 29570, 29719-29720

Competenz has completed the review of the unit standards listed above.

**Date new versions published September 2020**

**Planned review date December 2025**

#### Summary

These unit standards were reviewed during March 2020 and April 2020 as part of the qualification and programme review for Maritime qualifications.

This review was completed through face-to-face meetings, video and phone calls, and via email with a Technical Advisory Group (TAG) consisting of industry experts and providers.

All feedback received prior to and during the review process were incorporated in consultation with the TAG. These units were endorsed for registration by the TAG in May 2020.

#### Main changes

- Guidance Information was updated across all unit standards, including legislation, definitions, references and assessment information.
- Credit values for unit standards 12306, 12307, 12310, 29225 and 29570 were increased to better reflect the time required to gain the necessary knowledge and skills to meet the outcomes of these units.
- The titles of some unit standards were amended to provide clarity and encompass all learning outcomes.
- 18 unit standards were designated expiring without replacement as they are no longer being used nor are they required by industry.

**Category D unit standards will expire at the end of December 2021**

**The last date for assessment of superseded versions of Category B unit standards is December 2022**

#### Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

Service Sector > Maritime > Marine Engineering

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
4103	Operate and monitor a vessel's engines and auxiliary equipment	4	10	B
4108	Maintain the physical operating condition and appearance of the vessel	2	3	D
19493	Perform maintenance and repairs on a vessel's mechanical and electrical systems	4	5	B
26305	Demonstrate knowledge of marine petrol and diesel propulsion and auxiliary systems	4	5	B
29355	Manage the safety of an engineering watch according to STCW A-III/1	6	35	D
29356	Apply leadership, teamwork and communication skills according to STCW A-III to the management of an engineering watch	6	30	D
29357	Manage the operation of electrical, electronic and control systems according to STCW A-III/1	6	40	D
29358	Manage the maintenance and repair of electrical and electronic equipment according to STCW A-III/1	6	35	D
29359	Manage the operation of the main propulsion machinery and auxiliary systems according to STCW A-III/1	6	35	D
29360	Manage the operation of fuel, lubrication, ballast pumping and associated control systems according to STCW A-III/1	6	25	D
29361	Manage the maintenance and repair of shipboard machinery and equipment according to STCW A-III/1	6	40	D

Service Sector > Maritime > Maritime Engineering

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
4104	Operate auxiliary equipment and systems	2	3	D
4107	Plan and record maintenance work on vessel deck fittings and hull	3	4	D
15071	Operate refrigeration equipment on board a vessel	3	7	D
15072	Maintain refrigeration equipment on board a vessel	4	6	D

Service Sector > Maritime > Sea Survival and Sea Safety

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
4130	Coordinate, evaluate and direct damage control functions	5	8	D
4132	Implement damage control techniques and procedures on a vessel <b>Evaluate damage and implement damage control repairs on a vessel</b>	4	10	B
4134	Apply first aid at sea	2	4	D

ID	Title	Level	Credit	Review Category
4137	Verify the operational condition of safety equipment on a vessel <b>Verify functionality and availability of safety equipment on a vessel</b>	2	5	B
4138	Control and extinguish fire on board a vessel <b>Extinguish fire on board a vessel safely</b>	3	4	B
4139	Maintain on board fire fighting equipment and carry out fire safety planning	3	4	D
4144	Respond to and signal distress	3	2	D
6912	Navigate in an ocean environment	5	12	D
6913	Operate a recreational craft on an offshore voyage	5	10	D
12306	Identify common parts, fittings, and equipment on a vessel	2	3 5	B
12307	Provide assistance to passengers with specific needs, and support seasick passengers and crew <b>Provide assistance to passengers with specific needs, and support seasick passengers and crew on a vessel</b>	3	3 5	B
12309	Demonstrate knowledge of abandon ship procedures and sea survival techniques	4	5	B
12310	Demonstrate knowledge of fire prevention and limitation and extinguish small fires on-board a vessel <b>Demonstrate knowledge of fire prevention and limitation, and extinguish small fires on board a vessel</b>	3	2 5	B
26236	Demonstrate knowledge of sea safety equipment and procedures and assist the master in emergency situations at sea	2	6	B
26541	Demonstrate knowledge of the safe operation of small craft in sight of land	3	16	B
26542	Demonstrate basic knowledge of the operation of pleasure/small craft by day <b>Demonstrate basic knowledge of the operation of pleasure craft by day</b>	2	6	B
29218	Demonstrate personal and social responsibilities on vessels to STCW-Basic requirements	4	5	B
29219	Survive at sea to STCW-Basic requirements in the event of a ship abandonment	4	5	B
29220	Fight fires to STCW-Basic requirements in enclosed spaces on a vessel	4	4	B
29225	Assist passengers to STCW requirements during a maritime emergency evacuation	3	3 5	B
29352	Direct firefighting operations on board a vessel according to STCW A-VI/3	4	5	B
29353	Operate survival craft and rescue boats according to STCW A-VI/2-1 <b>Operate and manage survival craft, rescue boats and survivors according to STCW A-VI/2-1</b>	5	5	B
29354	Maintain vessel security and provide on-board first aid according to STCW A-V1 <b>Explain and maintain vessel security and provide on board first aid according to STCW A-V1</b>	5	5	B

ID	Title	Level	Credit	Review Category
29570	Demonstrate knowledge of and apply basic survival skills for boating <b>Apply knowledge of basic survival skills for boating</b>	2	2 <b>5</b>	B
29719	Demonstrate knowledge of vessel operating procedures to prevent harm to people and the environment in normal operations	3	5	B
29720	Contribute to the safety of a vessel in an emergency <b>Demonstrate knowledge of hazards, distress signalling systems, and emergency procedures on a vessel</b>	3	8	B