

Lecturer Qualifications Required To Deliver AMSA Approved Courses

Below is the list of minimum qualifications required by lecturers to deliver AMSA approved courses leading to the issue of an AMSA STCW certificate. Where required lecturers must hold a STCW qualification issued in accordance with the International Convention on Standards of Training, Certification and Watchkeeping 1978.

In **ALL** cases lecturers must also hold an Australian Certificate IV in Training & Assessment (TAE40110) or an equivalent qualification.

EXCEPTION

With regard to **EXISTING** AMSA approved lecturers they may continue to teach those courses that AMSA has approved them to present with their current qualifications, but in all cases they must hold an Australian Certificate IV in Training & Assessment or an equivalent qualification.

Deck Officer Certificate of Competency Courses

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Watchkeeper (Deck) Diploma <i>Convention Regulation II/1</i> <i>Code Section A-II/1</i>	All components:	STCW certificate of competency as a Chief Mate; or equivalent.
Master <500 GT Diploma <i>Convention Regulation II/1 & II/2</i> <i>Code Section A-II/1 & II/2</i>	All components:	STCW certificate of competency as a Chief Mate; or equivalent.
Chief Mate/Master Advanced Diploma <i>Convention Regulation II/2</i> <i>Code Section A-II/2</i>	All components:	STCW certificate of competency as a Master; or equivalent.

Engineer Officer Certificate of Competency Courses

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Engineer Watchkeeper Diploma <i>Convention Regulation III/1 & III/3</i> <i>Code Section A-III/1 & A-III/3</i>	Part A subjects:	STCW certificate of competency as an Engineer Class 2; or An appropriate degree (e.g. Mechanical Engineering); or equivalent.
	Part B (engineering knowledge) subjects:	STCW certificate of competency as Engineer Class 2. (The lecturer must also have an appropriate sub-grade certificate (Steam or Motor) when teaching those subjects.)

	Automation, electrical & electronic subjects:	Appropriate electrical electronic qualifications as: <ul style="list-style-type: none"> Ships Electrical Engineer; or STCW certificate of competency as Engineer Class 2; or An appropriate degree (eg Electrical Engineering); or equivalent.
	Naval architecture & ship construction subjects:	A STCW certificate of competency as: <ul style="list-style-type: none"> Engineer Class 2; or Chief Mate; or an appropriate degree (e.g. Naval Architecture); or equivalent.
Engineer Class 2 Advanced Diploma <i>Convention Regulation III/2 & III/3</i> <i>Code Section A-III/2 & A-III/3</i>	Part A subjects:	A STCW certificate of competency as: <ul style="list-style-type: none"> an Engineer Class 1; or an appropriate degree (e.g. Mechanical Engineering); or equivalent.
	Part B (Engineering Knowledge) subjects:	STCW certificate of competency as an Engineer Class 1. (The lecturer must also have an appropriate sub-grade certificate (Steam or Motor) when teaching those subjects.)
	Automation, Electrical & Electronic subjects:	Appropriate electrical electronic qualifications as: <ul style="list-style-type: none"> Ships Electrical Engineer; or STCW certificate of competency as Engineer Class 1; or An appropriate degree/diploma (eg Electrical); or equivalent.
	Naval Architecture & Ship Construction subjects:	A STCW certificate of competency as: <ul style="list-style-type: none"> Engineer Class 1; or Master; or An appropriate degree (e.g. Naval Architecture); or equivalent.
Engineer Class 1 Advanced Diploma <i>Convention Regulation III/2</i> <i>Code Section A-III/2</i>	Part A subjects:	STCW certificate of competency as Engineer Class 1; or An appropriate degree (e.g. Mechanical Engineering); or equivalent.
	Part B (Engineering Knowledge) subjects:	STCW certificate of competency as Engineer Class 1. (The lecturer must also have an appropriate sub-grade certificate (Steam or Motor) when teaching those subjects.)
	Automation, electrical & electronic subjects:	Appropriate electrical/electronic qualifications: <ul style="list-style-type: none"> Ships Electrical Engineer; or STCW certificate of competency as Engineer Class 1; or An appropriate degree/Advanced Diploma (e.g. Electrical); or equivalent
	Naval Architecture & Ship Construction subjects:	A STCW certificate of competency as: <ul style="list-style-type: none"> Engineer Class 1; or Master; or an appropriate degree (e.g. Naval Architecture); or equivalent.

Certificates of Proficiency Courses

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Certificate of proficiency as Chief Integrated Rating <i>STCW Convention Regulation II/4 & III/4</i>	All components:	A STCW certificate of competency/proficiency qualification of: <ul style="list-style-type: none"> Engineer Watchkeeper; or Watchkeeper (Deck); or Chief Integrated Rating.

Certificate of proficiency as Integrated Rating <i>STCW Convention Regulation II/4 & III/4</i>	Seamanship subjects:	A STCW certificate of competency /proficiency qualification of: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • Integrated Rating.
	Trade subjects only:	An appropriately trade qualified person.
Deck Rating <i>STCW Convention Regulation II/4</i>	All components:	A STCW certificate of competency /proficiency qualification of: <ul style="list-style-type: none"> • Watchkeeper (Deck); or • Deck Rating; or • Integrated Rating.
Engine Room Rating <i>STCW Convention Regulation III/4</i>	All components:	A STCW certificate of competency /proficiency qualification of: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Engine Room Rating; or • Integrated Rating.

Other AMSA Approved Short Courses

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Revalidation Course - Certificate of Competency	For Engineer Officer & Deck Officer:	Similar qualification requirements as for conducting certificate of competency subject courses.
Revalidation Course - GMDSS	All components:	AMSA GMDSS certificate, and Have satisfactorily completed an AMSA approved GMDSS training program.
Compass Adjuster	All components:	Australian or Commonwealth licensed compass adjuster certificate.
High Speed Craft Endorsement – International Code of Safety for High Speed Craft	All components:	STCW certificate of competency as Master <500 GT; and Hold an AMSA issued High Speed Craft Endorsement.
WIG Craft (Type A)		As determined by the AMSA Manager, Ship Operations & Qualifications in accordance with Marine Orders Part 3, Seagoing Qualifications.

Radio Communication and Radio Personnel

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
GMDSS Course <i>Chapter IV</i> <i>Code Section A-IV/2</i>	All components:	AMSA GMDSS certificate, and Have satisfactorily completed an AMSA approved GMDSS training program.

Special Requirements for Personnel on Certain Types of Ships

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Tanker Familiarisation <i>Chapter V</i> <i>Code Section A-V/1, Paragraphs 1 - 7</i>	All components:	A STCW certificate of competency /proficiency qualification as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • Integrated Rating. And has satisfactorily completed an AMSA approved Tanker Familiarisation course or relevant seagoing experience on a tanker.

Specialised Training for Oil Tankers <i>Chapter V</i> <i>Code Section A-V/1, Paragraphs 9 – 14</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck). And has satisfactorily completed an AMSA approved Oil Tanker Safety course & have an Oil Tanker Endorsement in their Certificate of Competency.
Specialised Training for Chemical Tankers <i>Chapter V</i> <i>Code Section A-V/1, Paragraphs 16 – 21</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck). And has satisfactorily completed an AMSA approved Chemical Tanker Safety course & have a Chemical Tanker Endorsement in Certificate of Competency.
Specialised Training for Liquefied Gas Tankers <i>Chapter V</i> <i>Code Section A-V/1, Paragraphs 23 – 34</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck). And has satisfactorily completed an AMSA approved Gas Tanker Safety course & have a Gas Tanker Endorsement in their Certificate of Competency.
Ro-Ro Passenger Ships <i>Regulation V/2</i> <i>Code Section A-V/2, Paragraphs 1 - 5</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck). And has satisfactorily completed an AMSA approved STCW Ro-Ro Passenger Ship Course.
Passenger Ships other than Ro-Ro Passenger Ships <i>Regulation V/3</i> <i>Code Section A-V/3, Paragraphs 1 – 5</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck). And has satisfactorily completed an AMSA approved STCW Passenger Ships other than Ro-Ro Passenger Ships course.

Emergency, Occupational Safety, Medical Care and Survival Functions

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Personal Survival Techniques <i>Chapter VI</i> <i>Regulation VI/1</i> <i>Code Section A-VI/1, Table A-VI/1-1</i>	All components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • Master <500 GT; or • *Australian Engineer Class 3; or • *AMSA Engineer Class 3; or • *Australian Master Class 3; or • Appropriately qualified RAN personnel. * Must also hold as a minimum an AMSA issued Certificate of Safety Training.
Fire Prevention and Fire Fighting <i>Chapter VI</i> <i>Regulation VI/1</i> <i>Code Section A-VI/1, Table A-VI/1-2</i>	Theory & practical fire fighting components:	A STCW certificate of competency as: <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • Master <500 GT; or • *Australian Engineer Class 3; or • *AMSA Engineer Class 3; or • *Australian Master Class 3; or • Appropriately qualified RAN personnel.

	Practical fire fighting components only:	<ul style="list-style-type: none"> • An appropriately qualified fire fighting training officer; or • an appropriately qualified Royal Australian Naval personnel; or equivalent. <p>* Must also hold as a minimum an AMSA issued Certificate of Safety Training and have completed an AMSA approved Advanced Fire Fighting Course.</p>
Elementary First Aid <i>Chapter VI</i> <i>Regulation VI/1</i> <i>Code Section A-VI/1,</i> <i>Table A-VI/1-3</i>	All components:	Appropriately qualified & accredited first aid trainer; or An Australian Defence Force equivalent.
Personal Safety and Social Responsibilities <i>Chapter VI</i> <i>Regulation VI/1</i> <i>Code Section A-VI/1,</i> <i>Table A-VI/1-4</i>	All components:	<p>A STCW certificate of competency as:</p> <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • Master <500 GT; or • *Australian Engineer Class 3; or • *AMSA Engineer Class 3; or • *Australian Master Class 3. <p>* Must also hold as a minimum an AMSA issued Certificate of Safety Training.</p>

Survival and Rescue Craft

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Proficiency in Survival Craft and Rescue Boats, Other Than Fast Rescue Boats <i>Code Section A-VI/2,</i> <i>Section A-VI/2</i> <i>Paragraphs 1 – 4,</i> <i>Table A-VI/2-1</i>	All components:	<p>STCW certificate of competency qualification as:</p> <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • AMSA Master <500 GT.
Proficiency in Fast Rescue Boats <i>Code Section A-VI/2,</i> <i>Section A-VI/2</i> <i>Paragraphs 5 – 8,</i> <i>Table A-VI/2-2</i>	All components:	<p>STCW certificate of competency qualification as:</p> <ul style="list-style-type: none"> • Engineer Watchkeeper; or • Watchkeeper (Deck); or • AMSA Master <500 GT; or • an appropriately qualified and experienced Australian Defence Force personnel; or equivalent. <p>Except for ADF qualified personnel, have satisfactorily completed an AMSA approved STCW Fast Rescue Craft Course.</p>

Advanced Fire

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Advanced Fire Fighting <i>Code Section A-VI/3,</i> <i>Table A-VI/3</i>	Theory fire fighting components:	<p>Certificate of competency qualification as:</p> <ul style="list-style-type: none"> • Australian Engineer Class 3; • STCW Engineer Watchkeeper; or • STCW Watchkeeper (Deck); or • STCW Master <500 GT.
	Practical fire fighting components only:	An appropriately qualified fire fighting training officer or an appropriately qualified Royal Australian Naval personnel or equivalent.

Medical First Aid

Course & STCW Convention/Code	Course Component	Minimum Lecturer Qualifications
Medical First Aid – Standard of competence for seafarers designated to take charge of medical care on board ship <i>Code Section A-VI/4, Paragraphs 1 - 3, Table A-VI/4-1</i>	All components:	Registered nurse; or Appropriately qualified first aid trainer.
Medical Care – Standard of competence for seafarers designated to provide medical first aid on board ship <i>Code Section A-VI/4, Paragraphs 4 – 6, Table A-VI/4</i>	All components:	Appropriate trauma experienced personnel such as a paramedic, a Medical Doctor or Registered nurse, or similar.

Ship Security Officer

Ship Security Officer - Standard of competence for those responsible for the security of the ship <i>Code Section A-VI/5, Paragraphs 1- 4, Table A-VI/5</i>	All components	Appropriate experience in the field of security AND knowledge of ships with regard to the application of security measures.
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(Dated: August 2011)