

# A CAREER IN MARITIME

# SVITZER

Svitzer is the largest employer of Australian seafarers outside of the Navy - with 1000 employees across Australia and PNG.

No two days are the same at Svitzer. At sea or onshore, we offer exciting, challenging, and safe work. We have a diverse range of roles onshore at our 28 ports and terminals, or on one of our 100 vessels around Australia and PNG.

We believe in investing in employee learning and development. Our ongoing commitment to meet customer needs means we are constantly building new skills and adding new capabilities.

## AN EXCITING ROLE IN TOWAGE

Tugboats are crewed by a Master, an Engineer and a Deckhand. Common among all roles is a commitment to Svitzer's values; teamwork; initiative; and a proactive, can-do attitude. Learn more about their roles below:



### MASTER

The Master is in command of the vessel, with overall authority and responsibility for the vessel, its crew and operations. The Master is responsible for driving the tug and supervision, direction and management of the crew to ensure safe and efficient towage.



### ENGINEER

The Engineer ensures the tug operates reliably and safely by ensuring that maintenance is kept up-to-date in line with the programmed maintenance schedule and budget. They ensure all the machinery onboard is working and in good order, so the tug is available and safe for work.



### DECKHAND

Deckhands carry out a range of duties on the deck and elsewhere on board to ensure the safe operation of the tug. Tasks include managing ropes and lines during towage, keeping the tug in a clean, safe and reliable condition, managing stores and assisting with maintenance and upkeep of the vessel.

**Svitzer also offers a wide variety of shore based roles that keep our operations running smoothly, safely and efficiently.**

Svitzer runs two Operations Centres where Operations Officers coordinate and schedule tug movements across our national operations.

Our Port teams look after the day to day operation of our fleet, and include careers in Management, Administration, Operations and Technical fields.

Our corporate careers include Finance, Legal, Commercial and Human Resources.

MAKING MARINE OPERATIONS SAFER AND MORE EFFICIENT, EVERY TIME, EVERYWHERE.

Find us online  
[svitzer.com.au](https://svitzer.com.au)





# INVESTING IN A SUSTAINABLE FUTURE

Svitzer is aiming to reduce the carbon intensity of our entire vessel fleet by 50% by 2030 and for operations to be fully carbon neutral by 2040.

We know this isn't going to be easy. Our tug fleet is largely powered by marine diesel – and our baseline for scope 1 emissions represents around 273,000 tonnes of CO<sub>2</sub> annually (globally).

But, we are making steady progress: In Australia, we have reduced the fuel use of our vessels by nearly 10% in the last three years alone and our landside operations are on track to be 100% green powered by 2025.

## SO HOW ARE WE ADDRESSING THIS CHALLENGE? Behaviour, Equipment and Fuel



**Behaviour:** By being more efficient in how we operate the tugs we can drive down fuel use – and in turn, CO<sub>2</sub> emissions. We avoided using 310,000 litres of fuel in 2022 through more efficient operations.



**Fuel:** Biofuels are a valuable replacement fuel for diesel while future green energy solutions are being developed (such as methanol, hydrogen or ammonia powered engines). More than 50 tugs in our UK operations now operate on biofuel.



**Fleet:** With over 440 tugs in operation globally, we have a big job ahead of us in producing new green energy powered tugs, retrofitting older tugs as well as designing new tugs that are vastly more efficient – **such as the revolutionary, new, TRAnsverse tug (a lighter, more powerful design and up to 15% more fuel efficient).**



## ABOUT SVITZER

Svitzer has provided safety and support at sea since 1833. We are continuing this tradition as a leader within towage and marine related services worldwide. Svitzer provides a crucial link in the Australian supply chain with more than 50,000 tug movements a year, making our ports safer and more efficient.

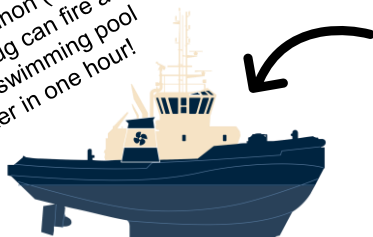
# LET'S TALK TOWAGE!

Tug boats are at the heart of our trade and maritime supply chain. Every big ship that visits or departs our major ports needs tugs to ensure they arrive and leave safely.

In fact – in Australia, we do over 50,000 tug jobs per year; and, as a global company, every day around the world Svitzer does one tug job every 2-3 minutes!

**Did you know?**  
Svitzer is the largest private employer of Australian seafarers!

**Did you know?**  
A firefighting cannon (or fire monitor) on a tug can fire an Olympic size swimming pool worth of water in one hour!



## What is a tugboat?

Tugboats are small, but powerful, vessels that manoeuvre large ships by pushing or pulling them. They are essential in ports, narrow channels and shallow waters and also serve in firefighting and rescue operations. Tugboats usually have two engines with over 1000 horsepower each. This allows the tugs to delicately move ships that are up to four football fields long and can do a full 360 degree turn almost on a dollar!

## Who works on a tug?

Each tug requires an expert crew of three: A Master, an Engineer and a Deck Rating.



**Qualification needed:**  
Master  
<45m NC

### Master

The Master is in command of the tug, with overall authority and responsibility for the vessel, its crew and operations. The Master is an expert mariner and responsible for driving the tug and supervision, direction and management of the crew to ensure safe and efficient towage.



**Qualification needed:**  
Engineer  
Class 3

### Engineer

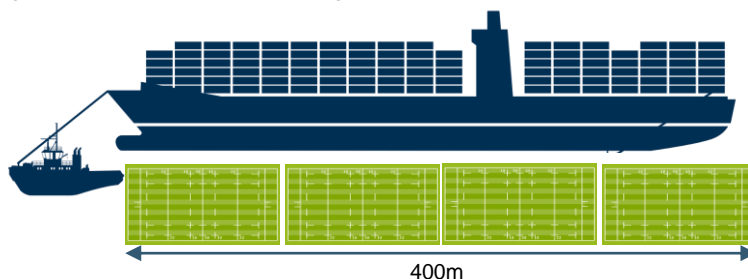
The Engineer is the technical expert on board. They ensure the tug operates reliably and safely by keeping maintenance up-to-date in line with the maintenance schedule and budget. They make sure all the machinery onboard is in good order, so the tug is available and safe to work.



**Qualification needed:**  
General  
Purpose Hand  
or higher

### Deck Ratings

Deckhands are your specialist all-rounders. Deck Ratings carry out a range of duties on the deck and elsewhere on board to ensure the safe operation of the tug and are the critical point of contact with the ships. Tasks include managing ropes and lines during towage; keeping the tug in a clean, safe and reliable condition; managing stores and assisting with the general upkeep of the vessel.

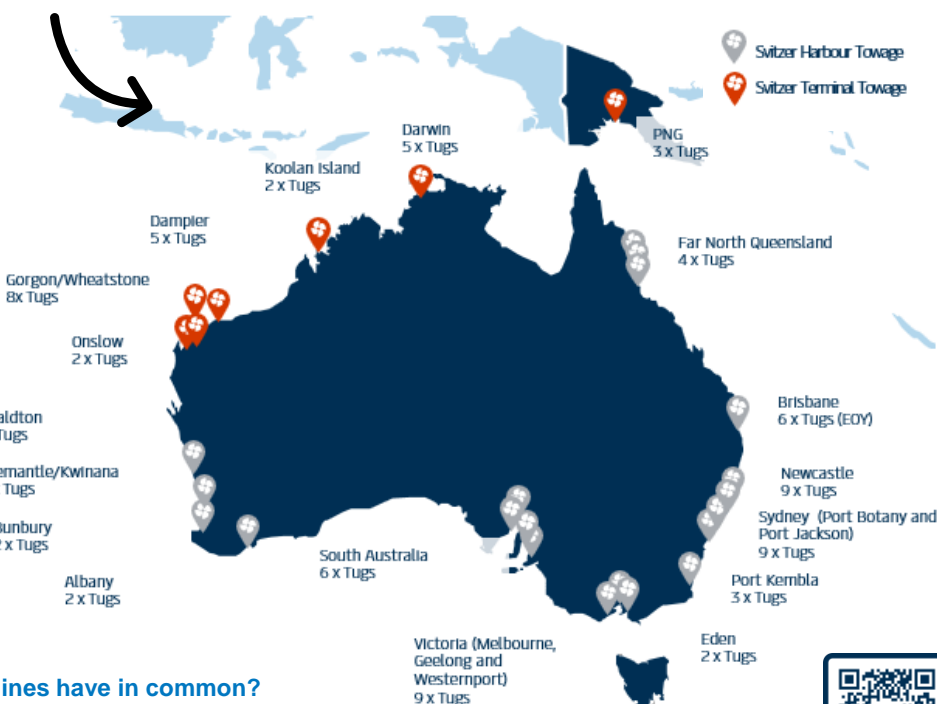


## 190 Years Old!

At Svitzer we are bigger than ourselves – and part of that is down to our heritage and history. Svitzer has provided safety and support at sea since 1833. We are continuing this tradition as a leader within towage and marine related services worldwide.

## Where does Svitzer operate?

Working at Svitzer can open a career right across Australia, and around the world. We operate in 37 countries around the world; and, in Australia, we operate in 27 ports and at 7 terminals!

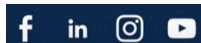


## What do fish'n'chips & tugboat engines have in common?

Renewable biofuels are the next generation of fuels for heavy machinery like tugs. Used vegetable cooking oil – from things like fish and chips – can be refined into biodiesel for use in things like trucks, planes and boats. Svitzer has more than 70 tugs operating on biofuels in the United Kingdom!



[@svitzerau](http://www.svitzer.com/australia)



SCAN ME