

Position Description - Vessels

Position title:	Assistant Marine Engineer/2 nd Marine Engineer
Job Location:	Amaltal Fishing Vessels
Classification/ Level:	Assistant Marine Engineer
Salary Range:	Share of catch percentage

Reports to: Chief Engineer & Captain



Job Summary

Assists the Chief Engineer in directing and overseeing the activities of the entire marine engineering department on board the vessel while at sea or in port. At the directive of the Chief Engineer; ensure responsibility for the mechanical operations, repair and maintenance functions for the vessel by performing the following duties personally, while at sea, on board an Amaltal Vessel. Operating in the waters of the New Zealand EEZ and surrounding areas.

Reporting Relationships

Chief Engineer & Captain, Factory Engineers, communicating with peers.

Work Environment and Special Conditions

While performing the duties of this position, the employee is regularly exposed to wet and/or humid conditions and moving mechanical parts with vessel operating in all types of weather conditions. The employee is frequently exposed to extreme cold. The employee is occasionally exposed to high, precarious places; fumes or airborne particles; toxic or caustic chemicals; outside weather conditions; risk of electrical shock and vibration. The noise level in the work environment is usually loud.

The employee is regularly required to use teamwork skills. The employee will regularly use interpersonal skills. The employee will frequently be required to utilize, decision making skills, creativity, independent judgment, discretion, problem analysis, and supervision skills.

Physical Demands

While performing the duties of this position, the employee is regularly required to stand; walk; use hands to finger, handle, or feel and reach with hands and arms. The employee is occasionally required to sit; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee must regularly lift and /or move up to 10kg, frequently lift and/or move up to 20kg and occasionally lift and/or move up to 30kg. Specific vision abilities required by this position include distance vision and depth perception. In addition, good communication skills are important to ensure the safety of all crewmembers and take responsibility for keeping the vessel ship shape.

A reasonable standard of fitness must be maintained at all times.

Shifts are 12 hours on, 12 hours off, with periodic breaks.

Additional Requirements

- ✧ Ability to pass a pre-employment and random drug tests. Also obtain and keep current a Maritime NZ Medical.
- ✧ Must be capable of boarding and exiting a vessel without physical assistance by climbing up and down a gangplank or using a Jacob's ladder.
- ✧ Must be able to climb or descend one or more set of steep stairs, or vertical ladders inside and outside the vessel in all weather conditions as extreme as 30 degrees below zero.
- ✧ Must be able to work in confined workspaces.
- ✧ Please see the list of competencies for specific requirements.

Essential Duties and Responsibilities

Duties/Responsibilities

Assists the Chief Engineer in directing and overseeing the functionality and safety of the vessel's engines, boilers, deck machinery, electrical, hydraulic, refrigeration and sewage systems in accordance with Talley's policy, local, and MNZ regulations.

Performs maintenance and repairs to main engine, machinery, and equipment indicators when vessels are underway.

Maintains electrical power, heating, ventilation, refrigeration, water, sewage systems, and electrical equipment

Responsible for routine maintenance of machinery and equipment, which includes, but is not limited to, changing oil and filters, greasing steering gear, etc., performing electrical systems' maintenance, testing for and maintaining proper levels of diesel engine water treatment, and taking/mailling of lube oil samples

Start engines to propel ships, and regulate engines and power transmissions to control speeds of ships, according to directions from captains/chief engineers.

Maintain and repair engines, electric motors, pumps, winches, and other mechanical and electrical equipment, rescue boat motors, or assist other crew members with maintenance and repair duties

Perform general marine vessel maintenance and repair work such as repairing leaks, finishing interiors, bunkering, and maintaining decks.

Oversees installation and repair of systems and equipment on-board by outside contractors.

Supervises engineering projects aboard the vessel

Ability to start engine from a black ship

Oversees and establishes the performance and operation standards for all vessel systems. Resolves problems using solutions that involve appropriate techniques, technologies, or concepts.

Must be able to give specific directions in the case of an emergency. Can include launching a raft, donning an immersion suit or life preserver, respond to fire or flooding.

Completion, documentation and reporting of the vessels preventative maintenance programs (PPM).

Maintain inventory for any spare parts, extra fuel, lubes and oil, advise the Chief Engineer in regard to replacement requirements. This must be kept up to date.

Determine volume of oil, fuel and lubes for each voyage and ensure substantial quantities are on board.

Supervise the Trainee Marine Engineer and ensure that general daily operations of the engine room as instructed by the Chief Engineer are carried out.

Ensures working areas are clean, neat and in an orderly condition.

Other Responsibilities

Duties/Responsibilities

Maintains a working knowledge of safety policies and regulations to ensure duties of self and others are performed in a safe manner. Including an adequate understanding of relevant rules, regulations, codes and guidelines as outlined in the companies MOSS programme.

Performs other similar or related duties as requested or assigned by the Chief Engineer and/or Captain.

Follows Vessel Health & Safety at all times.

Essential skills & attributes

Specialised skills/ attributes

- ✧ Ability to read, analyse, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations.
- ✧ Ability to write reports, business correspondence, and procedure manuals.
- ✧ Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry.
- ✧ Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.
- ✧ To perform this job successfully, an individual should have knowledge of email, spreadsheet software, and word processing software.

Essential skills

- ✧ Strong motivational & empowerment skills
- ✧ Strong communication skills
- ✧ Strong relationship skills
- ✧ Good practical skills
- ✧ The ability to follow instructions

Essential attributes

- ✧ Works well with people of different cultures and backgrounds
- ✧ Takes initiative
- ✧ Remain calm under pressure
- ✧ Ability to work as part of a close knit team, often in challenging conditions
- ✧ A willingness to work away at sea, for possibly long periods of time

Required Qualifications and Experience

Qualifications

Current Marine Engineer Class 5 Certificate of Competency (MEC5) or Equivalent with current STCW endorsements

Advanced Fire Fighting Certificate (preferred)

Plan a confined space and entry (preferred)

Working at Heights (preferred)

Experience

Three years as a licensed Assistant Marine Engineer of a processing vessel in the fishery industry.

Three years as a Trainee Engineer on a similar sized vessel.

Clean vessel safety record.

Familiarity of all MNZ regulations for the fishery being applied for.

Familiarity with pollution abatement procedures.

Basic HR awareness and training.

Familiarity with production needs and willingness to work with the vessel manager to support production.

Familiarity with state and federal regulations that apply to the vessel being applied for.

Able to manage vessel safety programs and take responsibility for keeping the vessel shipshape.