

> Electrical Marine Survey Elec Contractor Lic. No.1509637

At FortEng we believe that it is essential to the safe operation of a vessel to have electrical surveys completed by qualified, competent and certified electrical marine surveyors.

FortEng's electrical marine surveyors are ASMA accredited and members of the Australasian Institute of Marine Surveyors. FortEng has extensive electrical experience in many industries. All surveyors have current MSIC and Tasports PIP.

Electrical plan approval (AMSA category a)

- Compliance with NSCV
- Protection devices
- Electrical equipment and wiring
- Emergency power arrangements

Initial surveys (AMSA categories d, e and f)

- Visual inspections
- Switchboard compliance
- Fixed appliances
- Electrical systems
- Operational tests
- Earthing and Equipotential bonding
- Battery installation
- Certification against as-built drawings

Periodic surveys (AMSA category m)

- ELV, LV & HV Survey inspections
- Advice on defect rectification
- Certification of electrical modification for code compliance

Electrical marine services:

- Initial electrical design and drafting for AMSA and Australian standard compliance
- Electrical modification design and drafting for AMSA and Australian standard compliance
- Compliance audits
- Pre-purchase electrical surveys
- Insurance condition reports - electrical surveys
- Principal's representative, Project management
- Electrical accident and incident investigation
- Fault diagnosis

Safety

FortEng surveyors work using safe work practises as defined in FortEng's safety manual. FortEng maintain a duty of care for ourselves and others around us. FortEng train and maintain currency for staff in working at heights, confined spaces, first aid, LV rescue and whitecard.

Systems

FortEng provide all electrical surveys using AMSA systems and forms. All survey work is carried out by surveyors who hold an electrical licence under FortEng's electrical contractor licence (#1509637)

FortEng Marine surveyors are covered by Professional Indemnity (PI) insurance for marine surveying, as required by AMSA

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