



FACILITIES ELECTRICAL ENGINEER

JOB & PERSON SPECIFICATION

JULY 2021

1. Position Details

Position Title:	Facilities Electrical Engineer
Reports to:	Facilities Manager

2. Position Purpose

The Facilities Electrical Engineer is responsible for the management of HV, LV, communications, automation and security systems (“Electrical Systems”) throughout ANI owned ship and submarine building facilities. The HV networks comprise 11kV reticulation and multiple switch rooms throughout the ANI facilities, which are spread over approximately 80ha, with associated LV network infrastructure comprising switch rooms, industrial transformers and frequency convertors. Communications, automation and security systems include, but are not limited to, complex automated shipbuilding machinery, building and energy monitoring systems, PLCs, SCADA, EACS and CCTV.

3. Duties and responsibilities

- 3.1. Development, design and/or oversight (as appropriate) of the preparation of Electrical Systems specifications, technical drawings and other technical documentation.
- 3.2. Develop and/ or oversee the implementation of Electrical Systems maintenance plans.
- 3.3. Ensure that Electrical Systems are properly operated, including troubleshooting and the development of engineering solutions to system failures and other Electrical Systems issues as they arise.
- 3.4. Ensuring that Electrical Systems conform to any applicable Australian Codes, Standards and operational requirements.
- 3.5. Develop and implement projects for the upgrade and, as applicable, the systems integration of Electrical Systems.
- 3.6. Project management of assigned projects to ensure that delivery is on time and on budget, that functionality and capability requirements are achieved and safety, environmental and quality objectives are met.
- 3.7. Stakeholder engagement and communication as required.
- 3.8. Development of project scopes and objectives, involving all relevant stakeholders and ensuring technical feasibility.
- 3.9. Development of detailed project plans and any other required documentation including resource requirements/allocation. This includes identification and coordination of the engagement of consultants or contractors.
- 3.10. Manage changes to project scopes, project schedules and project costs using appropriate verification techniques and within delegated authorities.
- 3.11. Any other duties within your skill and competence as may be required by ANI.

4. Qualifications, skills, experience and personal attributes

- 4.1. Australian citizenship and ability to obtain required security clearances (NV1 minimum).

- 4.2. Proven experience (at least 10-15 years) as an Electrical Engineer or similar position, with demonstrable experience in the implementation, integration, maintenance and operation of HV, LV, automation, communications and security systems.
- 4.3. Flexible approach to working collaboratively in both corporate and industrial environments as part of a small team.
- 4.4. Sound communication skills and ability to build and maintain positive working relationships with all stakeholders, including staff, consultants and contractors.
- 4.5. High quality, professional written communication skills including project report presentation
- 4.6. Computer literate, and able to use AutoCAD and Microsoft Word, Excel, Visio and Project to at least an intermediate level.



HOW TO APPLY

Applications should be addressed to Justin Hinora. Please visit henderconsulting.com.au to apply.

For a confidential discussion, please call (08) 8100 8849.

Please Note

Your application will be automatically acknowledged by a return email.