

Multi-Skilled Technician (Electrical)

Department: Infrastructure, Housing and Environment

Section: Operations and Transport

Reports to: Operations Manager Electrical

JE Ref: IHE1095

Grade: TECH08

JE Date: 3/10/2021

Job purpose

Carry out a range of duties, in relation to a cross-section of plant and machinery located within infrastructure assets, including testing, inspecting, condition surveys, certifying and signing off, routine maintenance, and installation of components, from the perspective of electrical/electronic matters.

Job specific outcomes

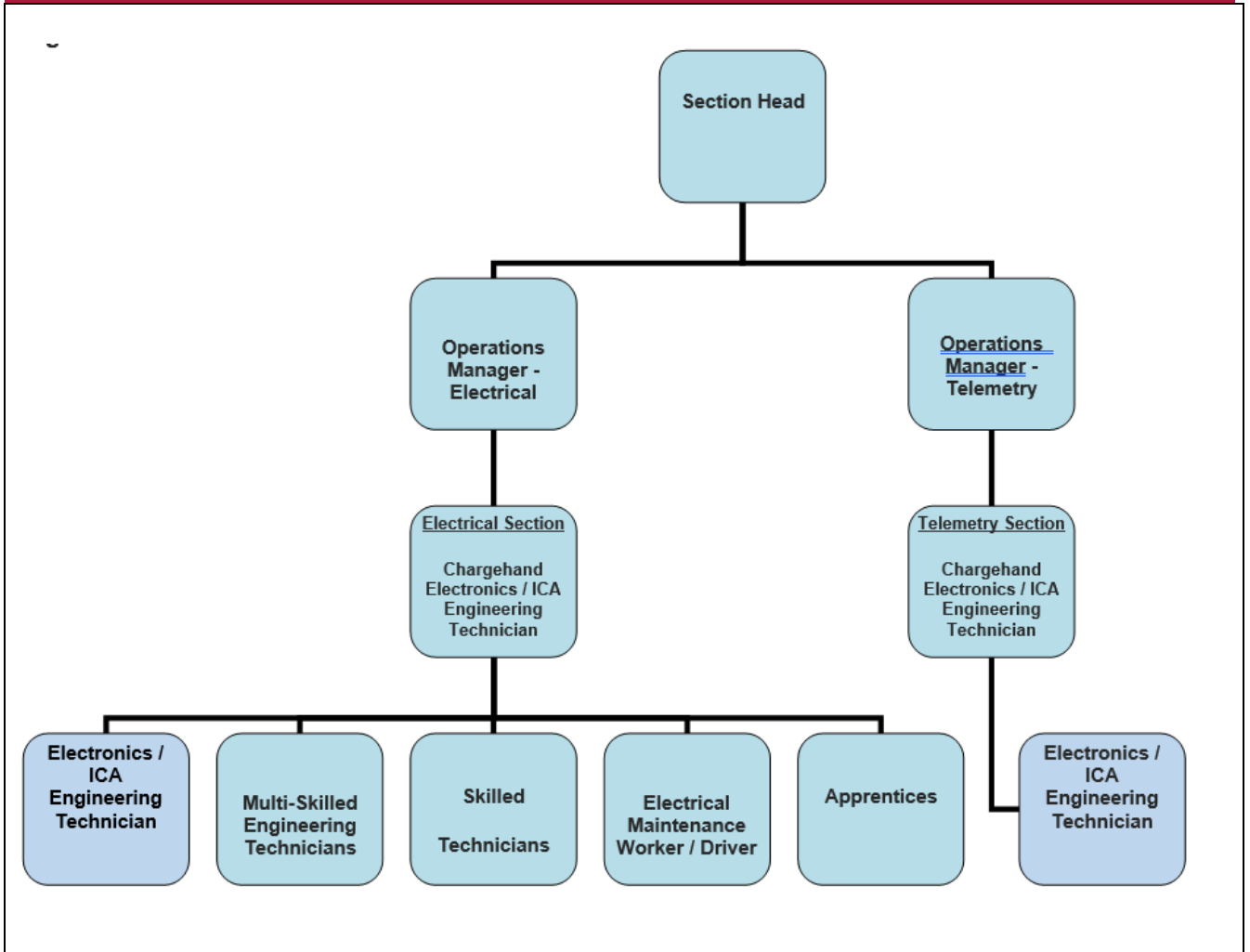
- The role-holder's primary responsibility is carrying out duties in relation to the routine maintenance in respect of the electrical/electronic elements within a variety of commercial and industrial installations for IHE or their clients. The role-holder, who will be undertaking the full range of electrical jobs, would generally be a lone worker.
- Examples of areas that the role-holder will be required to work on include (but are not limited to): Routine maintenance on items of plant within facilities such as pumping stations, sewage treatment works, and an energy recovery facility, but also in relation to items such as the lighting systems illuminating infrastructure buildings, ventilation systems, and electrical installations in parks and gardens, such as those providing lighting and irrigation. Similarly, the role-holder will be involved in the maintenance and checking of installations such as power sockets and electrical equipment in workshops.
- As a Multi-skilled Electrical Technician the role-holder will also carry out duties in relation to testing, inspection, and certifying/signing off work that has been undertaken. This will involve the role-holder working in all areas.
- They may work alongside a colleague, but this would be governed by the task in hand. The 'partner' working with the role-holder on such occasions would be either an apprentice, a workshop assistant or their peers.
- Some elements of the role-holder's work will involve installation of equipment, as distinct from maintenance tasks. They will also contribute to the regime of monitoring equipment according to the required inspection schedules.
- Take an active role in the creation, development and implementation of health and safety written risk assessment, including the production of written dynamic risk assessments when on site and dealing with situations not conforming to a standard risk assessment. Similarly, the role-holder will assist asset owners, chargehands and managers with the production of method statements, when requested.

- The role-holder is also expected to provide cover out of hours by joining the on-call roster in relation to breakdowns.
- Drive departmental vehicles (Group B licence requirement) in order to access work sites around the Island.

Organisational structure

One Government Departments



Organisation chart

Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
<p>Qualifications</p>	<ul style="list-style-type: none"> • The role-holder is required to have a Level 3 City and Guilds qualification, or an acceptable equivalent, as well as their Electrical Testing and Inspection qualifications (these are two distinct entities; one relating to testing and the other to inspection). Beyond this, with the specific skill dictated by organisational need, the role-holder must have a further qualification, other than their core skill, requiring 10 days or 80 hours additional training, delivered by a recognised training provider. • Be at the current edition of the Institution of Engineering & Technology (IET) Wiring Regulations (currently 18th Edition) or update if necessary. 	
<p>Knowledge</p>	<ul style="list-style-type: none"> • Fully apply judgement in relation to the inspection, certifying and signing off of work, to determine that it complies with all requirements. • Be able to provide appropriate guidance to less qualified personnel, including apprentices. • Where required, be able to fully understand and apply instructions and directions provided by more senior colleagues. • Be able to work collaboratively with others and as a team 	

	<p>member.</p> <ul style="list-style-type: none"> • Adhere to all safety and governance procedures. 	
<p>Technical / Work-based Skills</p>	<ul style="list-style-type: none"> • The role-holder is required to work on electrical circuits. They will be competent to work on such assets and must, at all times, follow the guidance provided by the organisation's electrical safety rules. However, there is always an inherent danger associated with working on, or close to, electrical circuits. • The role-holder is required to work outdoors, and therefore in varying weather conditions. • The role-holder is required to complete risk assessments before commencing any work. This will identify what the appropriate PPE requirements are for each individual task. On a day-to-day basis the role-holder is required to wear safety shoes, a hi viz vest or jacket, and, depending upon location, a hard hat. Further specialist PPE will be dictated by individual tasks, and includes, for example, appropriate harnesses and protective clothing when working in confined spaces; specialist rigging equipment when mast climbing, and a dust filter facemask, powered by a battery pack worn on the body, when drilling into walls, an activity which includes a requirement to take account of the potential presence of 	

	<p>asbestos.</p> <ul style="list-style-type: none"> • Possess a Group B driving licence. 	
General Skills/Attributes	<ul style="list-style-type: none"> • The role-holder is not a formal line manager, but is expected, when working with a less experienced colleague/an apprentice, to supervise that person. Otherwise, the roleholder will be looking for guidance from a charge hand or the role-holder's line manager. 	
Experience	<ul style="list-style-type: none"> • An individual recruited to the role externally from the organisation would be expected to have reasonable knowledge of the field of work, gained from on-the-job training. Where recruiting internally, the recruit would have completed an apprenticeship, or hold the correct certification for the role if moving from another department. • An individual recruited with the requisite qualifications and experience should be up to speed to perform in the role at an acceptable standard after a period of between 6 to 12 months. 	