

Department of State Growth

Statement of Duties

Position Title:	Senior Electrical Technician
Position number:	005246, 005247 & 005248
Award/Agreement:	Tasmanian State Service Award
Classification level:	General Stream Band 4
Division/branch/section:	State Roads / Asset Management / Traffic Signals Maintenance
Location:	Various
Employment status:	Flexible
Supervisor:	Senior Technical Officer (North and North West regions, Statewide Works Coordinator in the South)

Position Objective

To provide high level electrical trade works to maintain the safe and efficient operation of traffic signal and Intelligent Transport System (ITS) assets state-wide.

Major Duties

- Undertake advanced electrical asset inspections and work associated with the manufacture, installation, testing, configuration and maintenance of traffic signal hardware and infrastructure.
- Undertake installation, testing, configuration, maintenance, and repair work on various Intelligent Transport System assets (ITS), including but not limited to CCTV cameras, Variable speed limit signs (VSLs), Variable Message Signs (VMS), weather stations, vehicle detectors, communication systems (IP networks, fibre, wireless and twisted pair).
- Identify and repair traffic signal and ITS equipment malfunctions and faults within a timely manner to ensure ongoing safe operation.
- Undertake and complete all relevant training to ensure currency of knowledge on signal and ITS assets.
- Monitor asset condition and operation using Video Management System (Genetec), SCATS, STREAMS and other control and monitoring systems.
- Monitor and update the Traffic Signals Maintenance fault and defect management system (Reflect).
- Perform and manage the planning and delivery of programmed works in consultation with the relevant Senior Technical Officer and/or Statewide Works Coordinator.
- Undertake on-site coordination and works for projects to successfully achieve objectives and deliverables safely.
- Provide technical support to internal and external stakeholders.
- Maintain a high standard of work quality, service delivery and compliance with regulations, standards and specifications.

Scope of Work: (Responsibility, Decision-Making and Direction Received)

The occupant will ensure the safe conduct of electrical, electronic and traffic control work.

The occupant of the position will work under the direction of the Senior Technical Officer for the respective location.

The occupant must display a high degree of autonomy and initiative in dealing with day-to-day works.

Within the first 6 months, the occupant is responsible for undertaking and completing training in Worksite Traffic Management and Construction Industry WHS and for maintaining their knowledge to allow them to work independently.

Senior Electrical Technician positions are based regionally in Hobart, Launceston, and Burnie. The role will require the occupant to undertake out of hours work, including participation in the on-call roster. The occupant may be required to work across regions.

Selection Criteria (Knowledge and Skills):

1. Proven ability to undertake high level electrical installation, testing, configuration and maintenance. within an on-site operational environment
2. Practical experience fault finding and rectifying complex electrical and electronic devices and systems.
3. Proven ability to determine priorities, organise and coordinate faults and maintenance works to ensure successful and safe operation.
4. Practical experience with electrical and electronic industrial devices, systems and components, including capacity to understand circuit electronic / electrical / communication diagrams and technical specifications.
5. High level computer, written and oral communications skills, including the ability to liaise with others, produce and present credible communications, solve problems and identify solutions.
6. Practical experience working both within a team and independently.

Position Requirements

Pre-employment

The Head of the State Service has determined that the person nominated for this role is to satisfy a pre-employment check before taking up the appointment, promotion or transfer. The following checks are to be conducted.

1. Conviction check in the following conviction areas;
 - Crimes of violence
 - Serious drug related offences
 - Crimes involving dishonesty
 - Serious traffic offences.

Essential

A person is to provide evidence that they are vaccinated against COVID-19 or have an approved exemption.

- A person is vaccinated against COVID-19 if the person has received all of the doses of a vaccine for COVID-19, necessary for the person to be issued with a vaccination certificate in respect of COVID-19 by the Australian Immunisation Register, or an equivalent document from a jurisdiction outside of Australia.

A person may be granted an exemption from providing evidence that they are vaccinated against the disease where the person demonstrates –

1. Medical contraindication

A person is unable to be vaccinated against the disease due to a medical contraindication if they:

- a) provide evidence in a form provided and accepted by the Head of Agency from a medical practitioner (as defined by the Australian Immunisation Register as a medical practitioner who can grant a medical exemption) which certifies that the person has a medical contraindication that prevents them from being vaccinated against the disease.
Or
- b) have a medical exemption, that applies to the vaccinations for the disease, that has been recorded on the Australian Immunisation Register, operated by or on behalf of the Commonwealth Government.

2. Exceptional circumstances

Demonstrated to the satisfaction of the Head of Agency.

- *Current Electrical Practitioners Licence*
- *A current drivers licence.*

Desirable

- *High Risk Work Licence – EWP*
- *Open Cablers Licence (fibre, coax, structured cabling)*

Working at State Growth

The Department of State Growth works to grow our economy and provide opportunities for all Tasmanians. We provide support and strategy advice in relation to key economic drivers including energy, industry sectors, resources, regulation and infrastructure. We support the delivery of a range of public services and have a strong focus on investment attraction and the development of innovative strategies that drive state growth.

The [department's website \(http://www.stategrowth.tas.gov.au/\)](http://www.stategrowth.tas.gov.au/) provides more information.

Our department is a diverse, inclusive and flexible workplace that enables our people to contribute to their full potential. We value the diverse backgrounds, skills and contributions of all employees and treat each other and our clients with respect.

State Growth is a values-based organisation. Our aim is to attract, recruit and retain people who will uphold our values and are committed to building a strong values based culture. Our values and behaviours reflect what we consider to be important, that is

Our people who are at the heart of the organisation; *our decisions* which are based on sound principles; and *our clients* who are at the centre of what we do.

We have the **Courage to Make a Difference** through:

- **Teamwork** – our teams are diverse, caring and productive
- **Respect** – we are fair, trusting and appreciative
- **Excellence** – we take pride in our work and encourage new ideas to deliver public value
- **Integrity** – we are ethical and accountable in all we do

We are committed to high standards of performance relating to Workplace Health and Safety and all employees are expected to participate in maintaining safe working conditions and practices. State Growth has zero tolerance to violence, including violence against women and any form of family violence. We will take an active role to support employees and their families by providing a workplace that promotes their safety and provides the flexibility to support employees to live free from violence.

All employees are responsible for ensuring that the standards of behaviour and conduct specified in the State Service Principles and Code of Conduct are adhered to (*State Service Act 2000*). These can be located at State Service Management Office (www.dpac.tas.gov.au/divisions/ssmo)
