

# Engineering (Mechanical / Electrical) Graduate (PO1)



Government  
of South Australia  
Department for Infrastructure  
and Transport

## Role statement

<b>Organisational alignment</b>	Division:	Road & Marine Services / SAPTA
	Directorate:	Various
	Section:	Various
<b>Reporting relationships</b>	Reports to:	Relevant Section Manager
	Direct reports:	Nil FTE

## Role overview

Engineering (Mechanical / Electrical) Graduates form an integral part of the Department for Infrastructure and Transport's (the 'Department') engineering cohort, supporting various transport and infrastructure assets, and gaining hands on experience in a variety of functions, including project and contract management, review of technical documents and contribution to systems, standards, risk management and process improvements.

This entry level pathway will provide the Graduate with an opportunity to apply academic knowledge and gain practical experience in these disciplines. They will also build a capacity to provide advice, analyse processes and systems, and support and manage projects to enable the delivery of a comprehensive range of infrastructure and transport asset management.

The Engineering (Mechanical / Electrical) Graduate will engage with various stakeholders, including agency representatives, other Government Departments, industry and members of the public to support successful infrastructure and transport delivery.

Further information about the Department can be found at: <https://www.dit.sa.gov.au/about-us>

### Our values

We pride ourselves on applying these values to our day-to-day interactions and individual performance. They shape our approach to achieving our strategic agenda.



**Collaboration**

We work together as one team to serve our customers.



**Honesty**

We are honest, open and act with integrity.



**Excellence**

We commit to excellence in everything we do.



**Enjoyment**

We enjoy our work and recognise our success.



**Respect**

We respect, understand and value the people we serve.

## Key outcomes required of the role

- Undertake a range of program and process functions, including improvements and enhancements, and supporting projects relating to the day-to-day operations within the section.
- Contribute to the review of new discipline techniques, technologies and methodologies to achieve improved outcomes.
- Analyse issues, conduct research and develop responsive solutions to discipline problems, whilst working within Departmental systems, process and policies and objectives.
- Respond to customers and stakeholder enquiries providing accurate and timely advice, including the preparation of briefings, correspondence and reports by applying knowledge of current legislation, standards and policy related issues.
- Maintain records and systems, and contribute to the development of professional standards, programs, projects, assets, systems and/or services.
- Ensure work undertaken meets quality and service delivery standards and/or compliance with regulations, codes and specifications.
- Develop knowledge of the discipline, the issues, risks, trends and directions associated with the range of functions, including an understanding of relevant quality and risk management requirements.
- Contribute to a safe, diverse and healthy work environment free from discrimination and harassment by working in accordance with our values, legislative requirements, the Code of Ethics for the South Australian Public Sector, equal employment opportunity and departmental human resource policies, including Work Health Safety and Wellbeing requirements.

## Special conditions attached to the role

- A National Police Check (NPC) is required prior to employment in the Department for Infrastructure and Transport which must be renewed every three years.
- Some out of hours and weekend work may be required.
- Some intrastate travel may be required.
- Australian Citizen, Australian Permanent Resident, or have an appropriate visa that allows you to work in Australia.

## Educational qualifications / licenses

- Bachelor of Mechanical Engineering is essential, or
- Bachelor of Electrical Engineering is essential.

These must be completed within the last three years of your application date, or qualification has been completed prior to employment – Degree should provide eligibility for graduate membership as a Professional Engineer of the Institution of Engineers, Australia.

## Technical capabilities

- Nil.

## Person capabilities

[Our Capability Framework](#) describes the core capabilities, behaviours and skills required for us to meet our strategic objectives and be a modern public sector, attracting, developing and retaining the best talent. The framework is constructed around five categories of capability; personal attributes; building relationships; achieving results; leadership and growth; and performance enablers.

Refer to our framework for the detailed capabilities required for this stream. This role is classified as:

### Stream 1: Team member

Stream 1 roles would typically consist of individual contributors and team members (indicative classifications include ASO1-3, GSE2, PO1, OPS1-3, TGO0-1, TRA, CMW3-7, M8-11, WBT3-6).

## Key selection criteria

The criteria outlined below are drawn from the most significant requirements of the person capabilities (from Our Capability Framework) and technical capability, professional knowledge and experience to be addressed in your application having consideration of the role overview and key outcomes.

- Demonstrated ability to communicate effectively, succinctly, and accurately, in writing and verbally, in a professional and tactful manner including successfully liaise with people at all levels.
- Works collaboratively with staff to deliver work and to contribute to the evaluation of service performance objectives.
- Analyses and develops responsive solutions to professional problems, while working within Departmental systems, processes and policies.
- Proven ability to display flexibility of approach in order to meet changing requirements and situations.
- Ability to work under reduced professional direction, independently or as part of a team, plan and coordinate activities, set priorities, achieve objectives within deadlines and make timely and well-informed decisions.
- Ability to analyse and research complex information, provide discipline advice and develop clear correspondence and reports with recommendations for time critical deadlines.
- Shows respect for diverse backgrounds, experiences and perspectives including that of Aboriginal and Torres Strait Islander people. Values diversity of thought.
- Shows genuine care for the safety and wellbeing of self and others.

## Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Director, People, Culture & Capability

<b>People, Culture and Capability Use Only</b>	KNet ID: 21625485	ANZSCO code: 2333 / 2335	Position number: Multiple
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