

# Why Work as a... Maintenance and Operations Engineering Technician

A solution for your training needs and career progression

## ROLE OVERVIEW

These technicians will maintain the safety, integrity and effective operation of plant and equipment across a variety of industries that form part of the broader national infrastructure such as electricity generation, telecommunications, chemical production, pharmaceuticals, sewerage, oil and gas exploration.

### KEY POINTS

- **Level:** 3
- **Duration:** 36 months + End Point Assessment
- **Pathways available:** Electrical, Mechanical, Control & Instrumentation, Wind Turbine, Electrical System & Process Control, Electromechanical, Plant Operations
- **Entry requirements:** You may be required to undertake training in maths and English. See [HERE](#) for more information
- **Careers progression:** Engineering Manufacturing Technician, Control Systems Engineer, Electro-Mechanical Engineer

## KNOWLEDGE REQUIREMENTS



- First principles relating to the operation and maintenance of appropriate plant and equipment
- Relevant industry health and safety standards, regulations, and environmental and regulatory requirements
- Maintenance and operational practices, processes and procedures covering a range of plant and equipment
- The relevant engineering theories and principles relative to their occupation

## SKILL REQUIREMENTS



- Comply with industry health, safety and environmental working practices and regulations
- Locate, and rectify faults on plant and equipment
- Communicate with and provide information to stakeholders in line with personal role and responsibilities
- Read, understand and interpret information and work in compliance with technical specifications and supporting documentation
- Prepare work areas to undertake work related activities and reinstate those areas after the completion of the work related activities
- Inspect and maintain appropriate plant and equipment to meet operational requirements
- Assess and test the performance and condition of plant and equipment

## BEHAVIOUR REQUIREMENTS



- Health and Safety – follows health and safety policies and procedures and be prepared to challenge unsafe behaviour
- Quality focused – ensures that work achieves quality standard both occupationally and personally
- Working with others – works well with people from different disciplines
- Interpersonal skills – gets along well with others and takes into account their needs and concerns
- Critical reasoning – uses resources, techniques and obtained facts to develop sound solutions

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