



## Instrumentation

### **Install and maintain instruments used in industries such as petro-chemical, mining, food and manufacturing**

Instrumentation tradespersons install, modify, maintain and repair instruments and instrumentation used in measurement and control systems. These instruments measure and control temperature, pressure and flow in processes used in industries such as petro-chemical, mining, food and manufacturing.

Instrumentation tradespersons may perform the following tasks:

- install electronic instruments and control systems
- examine and test faulty electronic instruments and control systems to diagnose faults
- undertake calibration and make sure there is correct operation of instrumentation equipment
- repair and maintain electronic instruments and control systems.

Instrumentation tradespersons may specialise as control or measurement instrument tradespersons.

With experience and sometimes further training, it is possible to become a supervisor or technician. Post-trade training is also available in new electronic technologies and advanced skills.

### **Personal Requirements:**

- enjoy technical and engineering work
- analytical and problem-solving skills
- ability to perform intricate work
- an aptitude for mechanics and electronics
- physically fit
- good eyesight and normal colour vision