

# ENGINEERING @ TEC-NQ

**TecNQ**  
Training • Education • Careers



Fitting and Turning

Fabrication

Diesel Fitting

**TecNQ**  
Training • Education • Careers

Tec-NQ Limited | RTO Code 31444



*Learning in Action*

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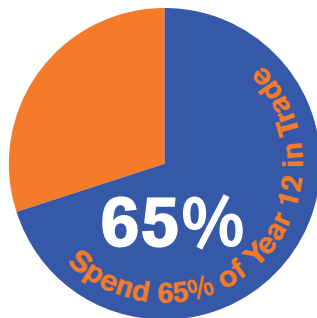
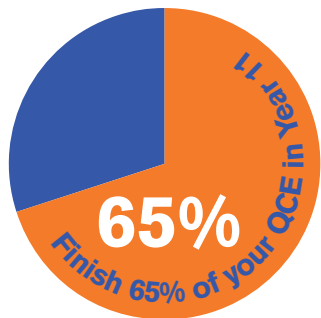
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■ Work experience/work placement

■ College based training



- ✓ Employability Skills
- ✓ School-based Apprenticeships
- ✓ Full-time Apprenticeships
- ✓ Short Course Training



## Why Engineering?

Mechanical engineers can specialise in fitting and/or turning or diesel fitting. They work based on engineering specifications and schematics to manufacture, maintain and service metal parts and components for all types of mechanical equipment.

Fabrication engineers can specialise in boilermaking or sheetmetal trades. They cut, weld and assemble heavy (boilermaking) and light (sheetmetal) structural metal parts and components based on complex technical drawings and specifications.

## Why Tec-NQ?

The results speak for themselves.

In 2015 Tec-NQ organised over 8,000 days of work experience for our students, 96% of Year 12 students achieved the Queensland Certificate of Education (QCE), and we secured apprenticeships for 39% of qualifying students.

Tec-NQ is different. Our unique program delivers trade training and education five days a week. Our trainers are sourced directly from industry and we have an engaged network for over 600 employers.

In December 2015 Tec-NQ opened a Boarding Facility on Bowen Road to accommodate out-of-town students.

## Engineering @ Tec-NQ

Listed below are a few examples of the activities you will learn about in your chosen trade:

### Engineering - Mechanical

- Learn about machine engineering components
- Learn to repair and maintain machines and equipment
- Learn to repair and maintain pneumatic and hydraulic systems

### Diesel Fitting

- Learn about overhauling and maintaining diesel engines
- Learn to repair and maintain pneumatic and hydraulic systems
- Repair and maintain heavy industrial plant equipment

### Engineering - Fabrication

- Weld beams and columns for heavy industrial applications
- Fabricate structural components
- Cut and bend sheet metal
- Fabricate ducting from stainless steel and aluminium



## The Tec-NQ difference

### You

You are more than just a number at Tec-NQ. As a smaller organisation we deliver faster, more flexible outcomes.

### Real-world learning

The best way to learn is with tools, not a mouse. Our classes are facilitator led, hands on and face-to-face.

### Industry current facilitators

Sourced directly from industry, our facilitators know the expectations and conditions of today's workplace.

### Industry exposure

A dedicated team of Industry Relationship Managers ensure you are best placed to secure an apprenticeship.

### Modern facilities and equipment

Built in 2007, our modern facilities and equipment are constantly updated to ensure your learning is up-to-date with industry.



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