



Training • Education • Careers

MEM30219 CERTIFICATE III ENGINEERING - MECHANICAL TRADE (FITTING/MACHINING)



NATIONALLY RECOGNISED
TRAINING

COURSE INFORMATION

This qualification defines the skills and knowledge required of an Engineering Tradesperson - Mechanical within metal, engineering, manufacturing and associated industries.

The skills associated with this qualification are intended to apply to a wide range of mechanical trade work, including undertaking fitting, assembly, manufacture, installation, modification, testing, fault finding, maintenance and service of mechanical equipment, machinery and the use of machine tools.

While undertaking this qualification, apprentices gain the skills and knowledge to:

- study drawings and specifications to determine suitable material, method and sequence of operations, and machine settings
- fit fabricated metal parts to produce machines and equipment
- use precision measuring instruments
- operate machining equipment and lathe
- form metal stock and castings to fine tolerances using machining tools to press, cut, grind, bore and mill metal
- cut, thread, bend and install hydraulic and pneumatic pipes and lines
- diagnose faults and perform operational maintenance of machines

COURSE OUTCOME

Successful completion of the course will result in the issuance of a Certificate of Qualification and a nationally recognised MEM30219 Certificate III in Engineering - Mechanical Trade (Fitting and Machining).

There is no licensed outcome for this course.

COURSE PREREQUISITES

There are no prerequisites for this course.

ENTRY REQUIREMENTS

Participants must be employed and registered under a training contract as an apprentice.

Tec-NQ conducts a learning, literacy and numeracy assessment as part of its enrolment process.

TRAINING & ASSESSMENT

Training is delivered by Tec-NQ and can be a combination of:

- Face-to-face facilitator lead instruction in both practical workshop and classroom contexts
- Online theory
- On the job blended learning

Tec-NQ will employ a range of assessment methods designed to gather evidence from a variety of sources in different forms.

The evidence gathering techniques will be direct, indirect and supplementary.

COSTS/ CONCESSIONS

Eligible apprentices who meet the Queensland state funding requirements will be charged a set fee of \$1.60*/nominal hour. Certified training is GST free.

Nominal hours for each unit of competency are provided in the training plan.

Fees are set by the Queensland Government department that is responsible for training. Fees are subject to change over the course of an apprenticeship.

Some students may be eligible for concessions. Please check with your enrolments officer when registering for the course.



GENERAL ENQUIRIES

54 Discovery Drive
Douglas Townsville QLD 4814

PO Box 105 JCU QLD 4811

P (07) 4779 2199
E info@tecnq.com.au

tecnq.com.au



RESOURCES REQUIRED

Participants are required to purchase the following items which are not included in the fees.

PPE Requirements

- Cotton long pants
- Cotton long sleeve shirt
- Steel cap boots
- Safety glasses (clear)

Stationery Requirements

- Pencil - HB
- Eraser
- Sharpener
- Pen - blue/black

DELIVERY LOCATION

Training is delivered on location at Tec-NQ's purpose built facility.

Tec-NQ Townsville
54 Discovery Drive
Douglas QLD 4814

Tec-NQ's "**Complaints and Appeals Policy**" and the "**Student Refund and Cancellation Policy and Procedure**" can be found at www.tecnq.com.au

