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# Welding & Fabrication

Virtual Reality

Virtual Environment

## Overview

The Welding & Fabrication program informs the learner about the underpinning knowledge of various welding techniques such as Oxyacetylene, TIG, MAG and more.

[Learn more](#) >

## Contents

### Virtual scenarios

- ▶ [Oxyacetylene design and assembly](#)
- ▶ [Tig welding](#)
- ▶ [Mag inspection and testing](#)
- ▶ [Mag and flux cord arc welding](#)

## Learning outcomes

By completing this program, it is expected that learners will:

- Have a greater understanding of Welding & Fabrication principles and concepts.
- Have increased confidence when working with Welding & Fabrication equipment.
- Develop a systematic approach to design, planning, setting up, preparation, assembly, tacking, welding, inspection and testing.

## Qualifications supported

The program has been designed to align with Level 2/3 of the Fabrication and Welding Engineering NOS and Level 2/3 of the Performing Engineering Operations (PEO) standards Stages of the Occupational Standards.

## Program Partners

This program was developed in partnership with the following organisations:

