

# BECOMING A WELDER

When we think about welding, we often don't realize how this industry impacts the world around us. Welding is an essential component of many industries such as the automotive, construction & aviation industries, and more. Without this form of metal work, so many things, including buildings, gates, fences, appliances, vehicles and even space travel would not exist.

## WHERE TO GET STARTED

### Artisan Training Centre:

Register for the Occupational Certificate: Welder at Qualitas for Theory & Practical Training

### Workplace Experience:

Obtain 18 months on-the-job experience

### Trade Test:

Qualitas will book you for Trade Test at an Accredited Trade Test Centre.

## POTENTIAL CAREER PATHS

There are different types of welders, servicing a number of different fields. A welder's expertise and specialisation can depend on the industry in which he or she works.

### Welding Technician:

Welding technicians use their extensive knowledge of joining processes, materials, welding equipment, welding techniques and standards to assist welders to manufacture welded products.

### Underwater Welder:

An underwater welder uses many common arc welding processes to weld and cut in wide range of aquatic environments. They must use their welding know-how and knowledge of diving procedures to effectively lay down strong welds, often in tight and less than forgiving surroundings.



## WELDER JOB DUTIES

- Interpret blueprints, drawings and measurements to plan layouts
- Weld small and large components such as copper plumbing, beams and pipelines.
- Use specialized machinery for welding
- Weld components in different positions.

## JOB OUTLOOK

Newly qualified welders will face a job market that is full of opportunities. When you consider that structures are constantly aging and deteriorating, the need for welders to maintain, repair and build will keep the demand high.