



# *DOWN TO EARTH*

**Training & Assessing – Welding Division**

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## Who are we

Down to Earth is a Registered Training organisation (RTO) accredited by the Training Accreditation Council (TAC) to provide a range of nationally recognised training and assessment solutions relevant to the mining, civil construction, logistics and engineering industry.



'Down to earth strives to provide the very best training and assessing solutions'

Our Welding Division is established to support the growing demand for welders in Western Australia, a profession listed on National Skills Needs List.

## Why choose Down To Earth

With over 30 years welding experience, we service individual students and organizations in a variety of sectors:

- OIL & GAS
- CONSTRUCTION
- LIGHT & HEAVY ENGINEERING
- PETROCHEMICAL
- MINING & PROCESS
- MARINE & DEFENCE

## Our Trainers:

Ask yourself who will be training you, someone who just received a diploma or:

- Instructors with more than 30 years of welding experience on major construction projects, both onshore and offshore as well as nationally and internationally
- Qualified and accredited instructors as per strict RTO compliance standards
- Instructors with experienced in indigenous and cross cultural training
- Safety conscious trainers with a commitment to helping you reach your objectives

## Our Facilities:

We encourage applicants to tour welding schools in WA before deciding where to invest. At Down to Earth we take the training environment seriously and guarantee our students access to:

- State of the art welding equipment
- State of the art classroom and workshop environment
- Personal approach to each student
- Access to latest academic material and industry updates

## Our commitment to Equipment and Safety:

- Latest Fume Extraction System
- New (2010) CEBORA INVERTER HF Manual Metal Arc / Gas Tungsten Arc Welding Machines
- New (2010) UNI MIG 345 WORKSHOP SERIES WELDING Machines
- Safe Modern building designed for welding courses with features like flash resistant welding screens and excellent lighting.
- Personal Protective Equipment available for training – Welding Helmet/Jacket/Gloves/Hood

## Our flexible training model:

Our flexible training model helps you develop and acquire relevant skills aligned with your needs and industry regulations.

- Prior skills are assessed and recognized
- Flexible one on one and group training with strong emphasis on practical learning and welding skills
- Emphasis on teaching safety on a practical and theoretical level

The training duration is dependent on each candidate existing competency and ability to learn.



## Welding Programs:

- 1<sup>st</sup> class coded welding
- 2<sup>nd</sup> class welding
- Oxyacetylene cutting and welding
- Coded welding, Pipe/Plate
- Refresher Training
- Re-skilling
- Apprenticeships /Traineeship Training
- Australian and international codes/Standards
- Flexibility in training and skill development



## Welding processes:

Mig (Gas metal arc)	Manual Metal Arc (Stick)
Tig (Gas Tungsten Arc)	Flux Core

## Materials

- Carbon
- Stainless steel
- Aluminum
- Duplex

Codes to any standard including:  
AS1554, ASME1X, AS1210, AS4041, AS3992, DNV, AWS



## WELDING COURSES:

Our courses are flexible, we recognizing prior skills, we take students where they need to be to achieve their objectives. DTE courses are based on nationally recognised units of competency guaranteeing to the industry that the candidate has achieved the relevant skills.

Welding Courses (4)	Level (3)	Description	Get the skills recognition certificate you need!
<b>MMAW</b> MANUAL METAL ARC WELDING (STICK WELDING)	Basic <b>MEM05012C</b>	Fillet welds on structural sections in all positions	<b>CERTIFICATION AWARDED TO:</b>  XXXXX XXXXXXXX <b>MMAW – MEM05016C</b> Units covered: xxx ADVANCED MANUAL METAL ARC WELDING <b>6G code tested to ASME IX/AS3992</b>
	Intermediate <b>MEM05015D</b>	Full penetration butt welds on plate sections in all positions	
	Advanced (pipe welding) <b>MEM05016C</b>	Full penetration butt welds on pipe sections in all positions	
<b>GMAW</b> GAS METAL ARC WELDING (MIG)	Basic <b>MEM05050B</b>	Fillet welds on structural sections in all positions	<b>CERTIFICATION AWARDED TO:</b>  XXXXX XXXXXXXX <b>GMAW – MEM05017D</b> Units Covered: xxx INTERMEDIATE GAS METAL ARC WELDING <b>1G/3G code tested to ASME IX/AS3992</b>
	Intermediate <b>MEM05017D</b>	Full penetration butt welds on plate sections in all positions	
	Advanced <b>MEM05018C</b>	Full Penetration butt welds on a range of materials and positions	
<b>FCAW</b> (FLUX CORE ARC WELDING)	Basic	Fillet welds on structural sections in all positions	<b>CERTIFICATION AWARDED TO:</b>  XXXXX XXXXXXXXXXXXX <b>FCAW – MEM05048B</b> Units Covered: xxx INTERMEDIATE FLUX CORE ARC WELDING <b>1G/3G code tested to ASME IX/AS3992</b>
	Intermediate <b>MEM05047B</b>	Full penetration butt welds on plate sections in all positions	
	Advanced <b>MEM05048B</b>	Full penetration butt welds on a range of materials and positions	
<b>GTAW</b> GAS TUNGSTEN ARC WELDING (TIG)	Basic <b>MEM05049B</b>	Fillet welds on structural sections in all positions	<b>CERTIFICATION AWARDED TO:</b>  XXXXX XXXXXXXXXXXXX <b>GTAW – MEM05049B</b> Units Covered: xxx ADVANCED TIG WELDING <b>6G code tested to ASME IX/AS3992</b>
	Intermediate <b>MEM05019D</b>	Full penetration butt welds on plate sections in all positions	
	Advanced <b>MEM05020C</b>	Full penetration butt welds on pipe sections in all positions	

