

Stovepipe Welding Coffs Harbour Education Campus

Qualification: Statement of Attainment plus AS1796 Cert. 2 (Stovepipe welding technique)
Manual Metal Arc Welding (using cellulose electrodes) in Pipe, weldable from one side only

Units from: MEM40105 Certificate IV in Engineering

MEM05045B Perform pipe welds to code standards using manual metal arc welding process certificate 2 and 4

TAFE NSW Course No: 32000

This course is designed for people working or wishing to gain employment in the Pipe Line and/or mining industries. It will cover the practical skills to perform stovepipe welding to industry standards

Career opportunities/vocational outcomes: This course provides the skills required to weld pipes to AS 1796 Cert. 2 standard using the Stovepipe welding technique – student will practice skills starting on plate in the flat position

When you have achieved this unit of competency you will have developed the welding skills to manual metal arc weld (MMAW) structures and/or industrial boilers, pressure vessels and associated pressurised piping during the fabrication, repair and/or maintenance process.

Articulation: This unit has dual status and is to be regarded as both a Specialisation band A unit and Specialisation band B unit for progression to C7 (AQF level IV).



Semester 2, 2011

Campus: CHEC
Hogbin Drive
Coffs Harbour NSW 2452

To enroll

Contact: Paul Leete
p: 02 6659 3298

Start:
Monday 26 to 30 Sept 2011

Attendance:
Monday to Friday
8:00am to 4:30pm

Cost: \$3000.00

Note:
You will also need to supply safety clothing and equipment (See page 2)

Contact and more information:

Paul Leete
p: 02 6659 3298
or
Customer Service Centre
p: 131601 or 02 6588 8000
e: nci.courseinfo@tafensw.edu.au

North Coast TAFE recognises and acknowledges the traditional custodians of the land upon which we work and study.



All information is accurate at time of printing. Course commencement is subject to sufficient resources and demand. For the most up-to-date information on course content, attendance modes; fees, concessions, refunds and exemptions; recognition of prior learning and credit transfer options; student support services including literacy and numeracy support and welfare services; student rights and responsibilities; appeals and complaints process and Department of Education and Training Code of Conduct visit the Institute website or ring 131601.

NCI-110645 1/7/2011



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UNIT OF COMPETENCY INFORMATION

Unit Descriptor

This unit covers preparing and producing pipe welds to code standards using manual metal arc welding (MMAW).

1. Maintain welding equipment
 - Routine maintenance is performed on welding equipment.
2. Prepare welding materials and equipment for MMAW pipe welding to code standards
 - Weld requirements for MMAW welding to code standards are determined.
 - Materials are prepared to produce pipe weld to code standard.
3. Weld pipe using MMAW to procedure specifications
 - Materials are welded as per weld procedure specification.
4. Weld pipe using MMAW to procedure specifications
5. Ensure weld quality
 - Discontinuities are rectified to ensure conformance to code requirements.
 - Weld records are maintained in accordance with standard operating procedures

Safety Clothing and Equipment – Mandatory Requirements

- 1 **Clothing** – Overalls or work trousers and long sleeved shirt. Shorts are **NOT** acceptable.
- 2 **Footwear** – Leather boots must be worn. Nylon track shoes, thongs or sandals are not adequate.
- 3 **Safety Glasses** – Suitable eye protection must be worn at all times to comply with Occupational Health & Safety regulations. Students **MUST** wear safety glasses at all times when in the welding workshop or grinding rooms.
- 4 **Gloves** – Suitable leather gloves must be worn when arc welding or flame cutting. Gloves must be removed before using grinding machines.
- 5 **Oxy Welding Goggles** – Are to be worn when oxy welding or cutting.
- 6 **Welding Helmets** – Must be worn when arc welding. Cracked lenses must be replaced.
- 7 **Earmuffs/Earplugs** – are to be worn in all designated areas and when requested by teacher.

Note: A welding kit which includes items 3 – 7 can be purchased from \$80.00 with a standard helmet or \$150.00 with an automatic helmet