

Trade of Metal Fabrication

Module 5:	Pipe Fabrication
Unit 2:	Pipe Cutting
	Phase 2

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Document Release History

Date	Version	Comments
09/02/07	First draft	
12/12/13	SOLAS transfer	

Module 5 – Pipe Fabrication

Unit 2 – Pipe Cutting

Duration – 1 Hour

Learning Outcome:

By the end of this unit each apprentice will be able to:

- Cut various types of pipe to required lengths using different types of cutting equipment – e.g. hacksaw, bandsaw, pipe cutters, (hand/mechanical), oxy/fuel, plasma cutting equipment

Key Learning Points:

Sk	1) Small pipe to be cut using rigid tool pipe cutters. 2) Medium diameter steel pipe using bandsaw: larger diameters using oxy-fuel gas and plasma cutting equipment.
Rk Sk	Cutting of pipes using various types of equipment.
P	Organisation of work area – standard of work.

Training Resources:

- Range of steel pipes, e.g. various diameters and schedules
- Rigid pipe cutter
- Bandsaw
- Oxy fuel gas and drawings
- Apprentice toolkit
- Safety clothing and equipment

Key Learning Points Code:

M = Maths **D** = Drawing **RK** = Related Knowledge **Sc** = Science
P = Personal Skills **Sk** = Skill **H** = Hazards

Self Assessment

Questions on Background Notes – Module 5.Unit 2

No Suggested Questions and Answers.

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