



ACE Safety Academy Ltd – Scheme of Work

Module Code

AW1

Course Duration

1 day

Qualification Title

Abrasive Wheels – Theory and Practical

Aims and Objectives

To develop a person’s knowledge & key understanding relating to the hazards & risks associated with identifying & operating Abrasive Wheels. The course includes mounting & cutting procedures with the use of an Angle-Grinder & Stihl Saw.

Day / Times

TOPIC
[Including Key Skills / Basic Skills]

RESOURCES

COMMENTS

08.30am – 16.15pm

Introduction – Course Aim and Objectives

Legislation – Relevant Legislation regarding abrasive wheels
i.e. PUWER '98

BS:EN Marking Scheme – Identification of the Principal Characteristics of an Abrasive Wheel

Hazards – The hazards arising from the use of various

Abrasive Wheels

Personal Protective Equipment – Identifies the Essential PPE to wear when using Abrasive Wheels and standards

Video – In depth outlook of the ISO Code 525, including Mounting & Cutting Procedures for both Angle-Grinders & Stihl Saws

Powerpoint presentation, projector, pens and student handouts.
Suitable classroom if delivered outside Ace head office.

	<p>Storing, Handling and Transportation – Recommendations on the correct storing, handling and transporting techniques</p> <p>Inspection and Testing – Demonstrate the correct method of inspecting a wheel prior to mounting</p> <p>Component Parts – Identify the purposes of the various component parts, such as flanges, blotters, guards, exposure angles, work rests etc</p> <p>Practical Demonstration – Practical demonstration of wheel mounting procedures – Under instruction</p> <p>Assessment – Individual assessment on the Correct Mounting Procedure and the Safe Use of Abrasive Wheels</p> <p>Assessment – Candidate Multiple Choice Questionnaire</p> <p>Assessment – Individual Assessment on cutting techniques for steel & stone including Instruction</p> <p>End of course discussion</p> <p>Close</p>	<p>Range of discs for inspection</p> <p>Powerpoint presentation, projector, pens and student handouts. Suitable classroom if delivered outside Ace head office.</p> <p>Sthil saw and discs</p>	
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