



ACE Safety Academy Ltd – Scheme of Work

Module Code

AW / MH

Course Duration

1 day

Qualification Title

Abrasive Wheels / Manual Handling

Aims and Objectives

To develop a person’s knowledge & key understanding relating to the hazards & risks associated with identifying, inspecting & operating Abrasive Wheels. The course covers mounting procedures on a Stihl Saw & 9” Angle Grinder.
This course is intended to promote Manual Handling techniques in the workplace, procedures and Legislation.

Day / Times

TOPIC
[Including Key Skills / Basic Skills]

RESOURCES

COMMENTS

08.45am – 13.00pm

ABRASIVE WHEELS

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
Storing, Handling and Transportation – Recommendations on the correct storing, handling and transporting techniques
Inspection and Testing – Demonstrate the correct method of inspecting a wheel prior to mounting
Component Parts – Identify the purposes of the various component parts, such as flanges, blotters, guards, exposure angles, work rests etc
Practical Demonstration – Practical demonstration of wheel mounting procedures – Under instruction
Assessment – Individual assessment on the Correct Mounting Procedure and the Safe Use of Abrasive Wheels

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

Range of discs for inspection

Stihl saw and discs

<p>13.00pm – 16.45pm</p>	<p>Introduction – Course Aims and Objectives</p> <p>Manual Handling at Work – Definition and Clarification of Manual Handling</p> <p>Injuries – Description of Common Injuries with main inclusion of the ‘Spinal Column’</p> <p>Consequences – The insured and un-insured costs associated with Manual Handling liability</p> <p>High Risk Activities – Common errors in lifting</p> <p>Back Pain – Causes, illustration of a prolapsed disc, trapped nerve</p> <p>Requirements for Manual Handling – Avoidance, Assessment, Risk Reduction, Training</p> <p>Risk Assessment – covering T.I.L.E. as well as the inherent risk</p> <p>Individual Risk Assessment – covering on site individual risk assessments for the task, selecting methods for risk reduction</p> <p>Good Base Movement – Diagrams showing the correct positions for standing, turning and lifting an object from the floor & returning to a standing position</p> <p>Demonstration and Assessment – Individual Assessment on the correct procedures for lifting under instruction</p> <p>Theory Assessment – Multiple-choice questionnaire covering legislation requirements for Manual Handling</p> <p>End of course discussion Close</p>	<p>Powerpoint presentation, projector, pens and student handouts.</p> <p>Suitable classroom if delivered outside Ace head office.</p> <p>A wide range of objects for lifting</p>	
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