

## **PUWER AND WOODWORKING MACHINE REGULATIONS**

### **Introduction:**

This programme has been designed for members of staff who have previous knowledge of Wood Machining Equipment and procedures and PUWER and who require updating on the PUWER 98 Regulations and safe operating techniques.

### **Objective:**

To bring delegates up to date with current PUWER and Woodworking Machine Regulations.

### **Programme Synopsis:**

#### **PUWER regulations**

- Introduction
- PUWER in relation to current legislation
- General requirements of PUWER
- Guidance – dangerous parts machinery
- Programme review

#### **Woodworking Machine Safety Regulations**

- Safe use of woodworking machines (Woodworking machine Code of Practice 114)
- Accident, cause and prevention
- Regulations effecting woodworking machines
- Guidance on the dangerous parts of machinery
- Programme Review

**Duration:** One Day

**Course Code:** TSCPUWERWWM1

**Certification:** Training Solutions 2000

## **PUWER & BSI CODE IN RELATION TO WOODWORKING & METALWORKING SAFETY**

### **Introduction:**

The programme has been designed for members of staff who have previous knowledge of woodworking and metalworking equipment and procedures, and who require updating on the (PUWER 98) regulations, BSI Code of Practice and safe operating techniques.

### **Objective:**

To help delegates to be aware of the relevant aspects of the (PUWER 98) regulations and to be able to maintain, set and operate their company's equipment in a safe and confident manner.

### **Programme Synopsis:**

- Introduction
- Background to Legislation
- Safe Use of Work Equipment in Education Establishment
- Provision and Use of Equipment Regulations 1998
- PUWER in Relation to Woodworking & Metalworking Machines:-
  - Suitability of Work Equipment
  - Maintenance
  - Specific Risks
  - Information & Instructions
  - Training
  - Dangerous Parts of Machinery
  - Protection against Stop Controls
  - Specific Hazards
  - Stability
  - Markings
  - Warnings
- BSI Code of Practice
- Health & Safety Management
- Planning & Services
- Working Area Environment
- Teaching Areas & Tools
- Portable Tools
- Woodworking Machinery
- Metalworking Machinery
- Review & Close

**Duration:** One Day

**Course Code:** TSCPUWERWWM

**Certification:** Training Solutions 2000

**PROPOSED THREE DAY COURSE ON THE SAFE USE OF WOODWORKING MACHINES FOR  
DESIGN & TECHNOLOGY TEACHERS & TECHNICIANS**

MAX OF 5 CANDIDATES/TRAINING SESSION

**DAY ONE**

**General Health & Safety in the Workplace**

- Health & Safety at Work Act 1974 (HASWA)
- Management of Health & Safety at Work Regs 1999
- Provision & Use of Work Equipment Regs 1998 (PUWER)
- Personal Protective Equipment Regs (PPE)
- Control of Substances Hazardous to Health (COSHH)
- Health & Safety (First Aid) Regs 1981 (H & S ( F A ) Regs)
- Reporting of Injuries, Diseases & Dangerous Occurrences Regs 1985 (RIDDOR)
- Risk Assessments
- Manual Handling
- Noise
- Lighting
- Space, Floors, Gangways
- Lone Working

PPE will be required to be worn in all practice sessions

**Narrow Band Saw Practice Session**

- Controls, stop/start, isolation, brakes
- Guarding, hazards, interlocks
- Checking blade, choosing blade, changing blade
- Setting up, tension, tracking guides & thrusts
- Use of saw, ripping, cross cutting curved work, angled cutting in timber, plastic & ply
- Use of push sticks & jigs
- After use, reduce tension & display notice
- Practice by delegates
- Assessment of candidates
- Question paper

**Pillar Drill**

- Controls
- Guards, hazards
- Changing bits, types of bit
- Changing speeds
- Holding workpiece jigs, clamps, vice
- Coolants (Metal Cutting)
- Depth stop, table adjustment
- Practice by candidates
- Assessment of candidates
- Question paper

## DAY 2

### Circular Rip Saw

- Controls stop/start, isolation, braking
- Guarding, crown guard, correct setting
- Riving Knife Purpose and Correct Setting
- Fences Correct Positioning
- Blades, types & use, checking for damage & bluntness, changing & cleaning
- Ripping, flattening & deepening
- Push sticks
- Bevel cutting
- Taper cutting
- Dust extraction
- Cross cutting
- Practice by candidates
- Assessment
- Test paper

## DAY 3

### Woodturning Lathe

- Controls start/stop isolation
- Speeds changing speeds & the reasons
- Turning between controls
- Turning in 4 jaw chuck
- Face plate turning
- Correct selection of tools
- Defects in timber & dangers while turning
- Guarding & interlocks
- Sharpening guards
- Correct use of tool rest
- Dangers of built up / laminated work
- Sanding & polishing
- Dust extraction
- Practice by candidates
- Assessment
- Test paper

### Belt & Disc Sander

- Controls start/stop isolation
- Extraction
- Direction of travel / placements of workpiece
- Replacing belts/discs
- Types of grits / papers
- Dangers in use, fire / explosion, fingers
- Cleaning abrasive surfaces
- Practice by candidates
- Assessment
- Test paper

### **Morticer**

- Controls start/stop isolation
- Guards
- Hazards in use
- Changing chisel/auger, sharpening chisel/auger
- Working clearance
- Squaring to fence
- Clamping work piece, supporting long pieces
- Lateral adjustment of table
- Longitudinal adjustment of table
- Depth stop
- Lubrication of sliders & controls
- Practice
- Assessments
- Summing up of course
- Completing paper work

A fourth day can be arranged to cover portable power tools, router, drills, belt & orbital sanders, jig saw, circular saw, planer, extension cables, transformers & RCD's (Residual Current Device), changing of bits & blades, safe use of PPE, clamping, jigs & devices. PAT (Portable Appliance Testing) every 12 months.

<b>Duration:</b>	One (1) Day
<b>Course Code:</b>	TSCSUWMD
<b>Certification:</b>	Training Solutions 2000