

## Power Press for: Hydraulic & Clutch Brakes

*for Toolsetters, Supervisors and Maintenance Personnel*

### This course is designed for:

- Press setters and setter/operators
- Tool room personnel
- Power press maintenance personnel
- Supervisors and managers of press activities

**Course Location:** On-Site at your premises

**Course Duration:** 1 Full Day, 9.30am-4.30pm (date to suit you)

**No. of Delegates:** 10 delegates max

### Outline Objectives:

To provide training in accordance with the requirements of Pt IV of the PUWER '98 Regulations, applicable only to a circumstance where attending delegates use a very limited variety of press and guard types e.g.

- only fully revolution clutch presses with fixed guards and interlocked gates
- only press brakes
- only part revolution clutch presses
- hydraulic presses with photoelectric protection devices

### Course Specification:

- The Power Press Regulations, ACOP and Guidance 1998
- The PUWER (Provision and Use of Work Equipment Regulations ) 1998 content applicable to the safe use of power presses e.g. Regulation 11 - Dangerous Parts of Machinery
- Relevant sections of: The Health & Safety At Work Act 1974 and Management of Health and Safety at Work Regulations 1999
- Power Press Mechanisms
- Guards and Protection Devices: types and function, methods of installing, inspecting and testing including detection of defects. Guard design for ease of production and toolsetting. BSEN 294 the minimum distances for guards away from traps. HSG 180 the application of photoelectric sensing devices.

### Programme

- Introduction - Accident Causation, Statistic and Penalties
- Part IV of the Provision and Use of Work Equipment Regulations (PUWER) 1998

#### Coffee Break

- Regulation 11 of the PUWER '98 Regs - " Preventing Access to Dangerous Parts of Machinery".
- Health and Safety at Work Act 1974 - particularly employees, managers and supervisors legal obligations. The Management of Health & Safety at Work Regs 1999 - particularly Regulation 13 "Capabilities and Training", Regulation 14 "Employees' Duties"

#### Lunch

- Power Press Mechanisms with particular reference to their bearing on safety. Nature and function of clutch mechanisms, fly wheels, brakes and ancillary equipment. Recognition of symptoms of disorder.
- Safety Devices - types and function of each type; methods of installing, inspecting and testing including detection of defects. BS EN294 - Minimum distances for guard away from traps. BS EN349 (1993) - Minimum gaps to avoid crushing fingers, hands and limbs and how these standards are applicable to guards and closed tools.

#### Coffee Break

- Work of the Toolsetter - safe methods of working, toolsetting for safety and increased efficient production, The mechanics and methods of effective clamping.
- Power Press Quiz
- Summary and close

### Delegates Receive:

Power Press Course notes, NewGrange Certificate of Training, folder and pen.

Tel: +44(0) 1562 632143

Fax: +44(0) 1562 632584

email: [info@newgrangetraining.co.uk](mailto:info@newgrangetraining.co.uk)

[www.newgrangetraining.co.uk](http://www.newgrangetraining.co.uk)