



NewGrange

TRAINING & SERVICES LTD

Better People, Better Business®

Power Press Safety (2 Days)

for Toolsetters, Supervisors and Maintenance Personnel

This course is designed for:

- Press setters and all others who either set, adjust or try out tools, or install, adjust, inspect and test tool guards and protection devices.
- Power press maintenance personnel
- Tool room personnel
- Supervisors and managers of the above activities

Course Location: On-Site at your premises

Course Duration: 2 Full Days, 9.30am-4.30pm (dates to suit you)

No. of Delegates: 10 delegates max

This course covers the provisions of The Power Press Regulations 1998 and it's Approved Code of Practice and Guidance (Part IV of PUWER '98). The requirement in the 1965 Regulations to train persons who "prepare presses for use" in accordance with a training schedule is retained by Part IV of PUWER '98. In the H.S.E. Guidance attached to Part IV it points out that because of Regulation 9(2) **you are legally required to provide adequate training for those that manage or supervise the use of power presses as you do for those that prepare them for use and inspect and test guards and protection devices. There is also a training requirement for those that repair, modify, maintain or service power presses and press brakes.**

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. BSEN294 the minimum distances for guards away from traps. HSG 180 the application of photoelectric sensing devices
- Press maintenance with regard to safety and economic and efficient production
- HSG 236 Power Presses: Maintenance and thorough examination
- Safe methods of work, toolsetting for safety and efficient production. The mechanics and methods of tool clamping

continued



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Power Press Safety: Day 1 & 2

DAY 1

Course Registration

- Introduction - Accident Causation, Statistic and Penalties
- Part IV of the Provision and Use of Work Equipment Regulations (PUWER) 1998 and HSG 236 Power Presses: Maintenance and Thorough Examination

Coffee Break (15 mins)

- Continue with Part IV of PUWER and HSG 236

Lunch (45 minute break)

- Regulation 11 of the PUWER '98 Regs - "Preventing Access to Dangerous Parts of Machinery". An overview of the content of PUWER '98
- 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"

Coffee Break (15 mins)

- Legal Quiz
- Introduction to Power Press Mechanisms - types of presses and guards
- Summary of Day 1 and close

DAY 2

- 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.

Coffee Break (15 mins)

- Safety Devices - types and function of each type; methods of installing, inspecting and testing including detection of defects. BS EN294 - Minimum distances for guards 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.

Lunch (45 minute break)

- Safety Devices - Guard design for ease of use when toolsetting and ease of production. HSG 180 "The application of photoelectric sensing devices".
- Accident Prevention, Press maintenance for Safety, Economics and Efficient Production

Coffee Break (15 mins)

- Work of the Toolsetter - safety methods of working, Toolsetting for safety and increased efficient production. The mechanics of effective clamping. Tool Design - in relation to Safe Systems of Work
- Power Press Quiz
- Course Summary, Questions & Answers and close

Delegates Receive:

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

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