

Demonstration Plan

Pillar Drill

1. OBJECTIVES

- Students will be fully conversant with safety guidelines when using the pillar drill.
- Students will be competent in setting-up the pillar drill and accurately machining a work piece.

2. DEMONSTRATION

The demonstration should include the following aspects:

- Correct dress and personal protective equipment (PPE)
- Safety features of the pillar drill
- Condition of work area around machine
- Main parts of the Pillar Drill
- Correct clamping of workpiece to table
- Degree of concentration and responsible behaviour required
- Condition of machine before and after use
- Correct machine operation
- Procedures to be followed in the event of an accident to yourself or others