

## Safe Work Instruction - Pneumatic Crimper

**DO NOT** use this plant\* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SWI may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

### PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Long and loose hair must be contained or covered.



Hearing protection must be worn



Foot protection must be worn



Hand protection must be worn



Face protection must be worn

### POTENTIAL HAZARDS AND RISKS

#### **i** Shearing

Body parts sheared between items of plant

#### **i** Struck by Moving Object

Struck by moving object due to work pieces being ejected

#### **i** Manual Task Injury

Manual task injury from repetitive movements

#### **i** Explosion

Explosion of gases, vapours or liquids

#### **i** Cutting, Stabbing or Puncturing

Injury from contact with moving parts  
Injury from work pieces being ejected

#### **i** Other

Injury from contact with moving parts  
Injury due to plant malfunction or misuse

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist if applicable
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Read tool manual before operating

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure no person or animal is endangered when operating plant – keeping others at a safe distance from tool whilst in operation
- ✓ Keep hands and body away from the jaw mechanisms of tool
- ✓ Check power lead is in good working order and does not create a trip hazard
- ✓ Before making adjustments bring plant to a complete standstill and isolate
- ✓ For testing, always cycle tool away from work to ensure proper rings closure. For safety reasons, an improperly functioning tool **MUST NOT** be used. When operating tool, never point or actuate tool other than work area.
- ✓ Operate tool in unobstructed work area
- ✓ Use clean dry air to maximise efficiency – **DO NOT exceed 105PSI (7.2 Bars)**
- ✓ Tool shall be operated with a fitting or hose coupling on or near the tool in such a manner that all compressed air in the tool is discharged at the

time the fitting or hose coupling is disconnected. Use ¼-18 NPT or equivalent fitting when connecting to the tool

### ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Ensure plant is in good working order and stored in the appropriate location
- ✓ Disconnect air supply prior to servicing, maintenance/repairs and when tool is not in use

### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service Tag and report fault to your supervisor
- ✗ Do not leave plant running unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant
- ✗ Do not use bottled gases such as oxygen, hydrogen, carbon dioxide, acetylene etc
- ✗ Do not pull trigger unless nose of tool is directed toward the work
- ✗ Do not actuate tool when loading

\*Plant in this SWI refers to any machinery, equipment, appliance, container, implement and tool.