

Powder Actuated Tool Operation

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Accidental Discharge-puncture wounds	Eye Protection	
Airborne Projectiles	Hearing Protection	
Noise	Safety Footwear	
Explosive cartridges		
MSI- Arm/Wrist Injury		

**Safe Work Procedure:**

1. Powder actuated tools are to be operated only by trained, certified personnel.
2. Read and understand the manual that accompanies your powder actuated tool.
3. Don personal protective equipment before beginning the task.
4. Inspect work area. Remove tripping hazards, garbage, cutoffs, etc. Lighting must be adequate.
5. Work area must be clear of flammable liquids or gases. The explosive charge of the tool is exposed to the atmosphere and could ignite flammable vapors.
6. Remove the cartridges from the tool. Inspect the following for defects: loading mechanism, trigger, barrel, contact trip. If defects are identified, tool is to be red tagged and locked out. Notify supervisor for maintenance. Only qualified personnel may perform maintenance.
7. Load cartridges and fastener and check tool for proper operation. If tool malfunctions, inform your supervisor and follow lockout/tagout procedure.
8. If a cartridge misfires, wait 30 seconds before trying to fire it again. If it does not fire on the second try, wait a further 30 seconds before removing it or advancing the strip to the next cartridge.
9. The contact element (nosepiece) must be in contact with the workpiece. Do not operate the contact element with your hand. Tool must be at 90° to the work surface; do not attempt angled shots.
10. Ensure that the proper fastener is being used for the task at hand. Ensure the substrate is capable of accepting the fastener properly, i.e. not so hard the fastener will ricochet or cause the tool to recoil violently; not so soft or brittle that the fastener will shoot through it or shatter projectiles through the air.
11. Remove the cartridges and fasteners from the tool before servicing, clearing jams, passing the tool to another worker, and for storage at the end of the day.

***If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure***

**REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR**

<p><b>Guidance Documents/Standards:</b>                  MB Workplace Safety &amp; Health Act &amp; Regulations:                  2.1 Safe work procedures                  6.13(1) Eye and face protectors                  6.15(1) Respiratory Protective Equipment                  Part 8 Musculoskeletal Injuries                  Part 9 Working Alone                  12.4 Hearing Protection 16.4 Machine and Tool Safety                  16.14 Lockout                  16.25(1) Hand Power Tools</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p> <p>Reviewed By WSH Committee:</p> <p>Date:</p>
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