

Impulse 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	Hard Hat	
Noise	Hearing Protection	
Flammable/Explosive fuel cells	Safety Footwear	
MSI- Back/Wrist Injury		

**Safe Work Procedure:**

- 1) Read and understand the manual that accompanies your impulse fastening tool.
- 2) Don personal protective equipment before beginning the task.
- 3) Inspect work area. Remove tripping hazards, garbage, cutoffs, etc. Ensure sawhorses or other support are stable and in good condition. Lighting must be adequate.
- 4) Work area must be clear of flammable liquids or gases. The combustion chamber of the impulse tool becomes extremely hot and could ignite flammable vapors.
- 5) Ensure adequate ventilation. Impulse tools are an internal combustion device which exhaust carbon monoxide into the atmosphere.
- 6) Remove the battery from the tool. Inspect the following for defects: fuel cell, trigger, contact trip, motor housing (see last page of this SWP for generic parts guide). If defects are identified, tool is to be red tagged and locked out. Notify supervisor for maintenance. Only qualified personnel may perform maintenance.
- 7) Insert battery and fuel cell and check tool for proper operation. If tool malfunctions, inform your supervisor and follow lockout/tagout procedure.
- 8) The contact element (nosepiece) must be in contact with the workpiece. Do not operate the contact element with your hand.
- 9) All impulse-type tools have different tolerances for heat and cold. Consult the operator's manual for each brand and type of tool you are using.
- 10) Remove the battery before reloading, servicing, clearing jams, passing the tool to another worker, and for storage at the end of the day.
- 11) NEVER aim the tool in such a way that a rebound or missed shot will cause the fastener to strike you or another worker. Ask other workers to move, wait for them to finish, or reposition yourself as the situation dictates. If this is not possible, use a palm nailer to install the needed fasteners, as they are generally not capable of propelling fasteners through the air.

***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**

<b>Guidance Documents/Standards:</b> MB Workplace Safety & Health Act & 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	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee:  Date: