

Impact Wrench Operation

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Exposed Rotating Components-Cuts,	Eye Protection	
Laceration, Entanglement	Hard Hat	
Electrical Shock	Hearing Protection	
Noise	Safety Footwear	
Projectiles in Eyes	Gloves	
MSI- Vibrations/Wrist Injury		

Safe Work Procedure:

- 1) Read and understand the manual that accompanies your impact wrench.
- 2) Don personal protective equipment before beginning the task. Ensure clothing fits appropriately
- 3) Inspect work area. Remove tripping hazards, garbage, etc. Lighting must be adequate.
- 4) Ensure the tool is unplugged, battery removed, or air disconnected. Inspect the following for defects: cord, battery, switch, body, and airline. If defects are identified, tool is to be red tagged and locked out. Notify supervisor for maintenance. Only qualified personnel may perform maintenance.
- 5) Ensure sockets being used are designed for impact tools. Standard sockets are not strong enough and may shatter if used in impact tools.
 For 110V tools:
 - Be aware of electrical shock hazards created in damp conditions. Move work area away from standing water, or remove the water.
 For pneumatic tools:
- 6) Ensure the hose is connected properly.
- 7) The exhaust of the tool is a potential source of flying projectiles. Wear appropriate PPE.

- 8) Energize and start the tool. Check for proper operation.
- 9) Perform work with firm footing and clear view of the tool and workpieces.
- 10) The spinning socket is a potential source of flying projectiles. Wear appropriate PPE.
- 11) If it is necessary to back up the fastener with a wrench:

- 12) Ensure the wrench is the correct size.
- 13) Use the box end if possible; it is less likely to slip or bounce off than the open end.
- 14) Wrench could potentially spin if not gripped firmly; fingers can also be pinched between it and obstructions. Wear gloves and maintain control of the backup wrench.
- 15) 12. When finished, disconnect the tool from the power source.

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 align="center">Guidance Documents/Standards:</p> 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: