

SAFE JOB PROCEDURE

Job Description: Air Impact Wrench

Hazards Present: Pinch Points, Flying Objects, Trips, Sprains, Strains

PPE Required: Safety Glasses, Work Gloves, Safety Footwear

Note: Operators of equipment must be trained and deemed competent, must demonstrate operational competency and/or have received approval from their immediate supervisor. Operators must wear the proper PPE as required and be familiar with the location of the use of a fire extinguisher.

SAFE JOB PROCEDURE

1. Conduct a pre-starting inspection of equipment and work area;

- ✓ Ensure surrounding work area is clear of all clutter and debris to reduce risk of injury.
- ✓ Supply adequate lighting to illuminate work area.
- ✓ Inspect impact wrench for wear or damage.
- ✓ Report any suspected wear or damage to the immediate supervisor.
- ✓ Inspect air tool for proper lubrication.

2. Choose the proper size of socket for the job and install onto impact wrench;

- ✓ Use only impact sockets, chrome sockets are not engineered for impact and can break under stress.
- ✓ Ensure that the socket is securely on the wrench a loose socket can become a deadly projectile.
- ✓ Be aware of hand placement while installing socket onto the wrench, a pinch hazard is present

3. Connect air hose to the impact wrench;

- ✓ Inspect airline for leaks, cracks, or wear.
- ✓ Check and adjust pressure regulator if necessary, never exceed the pressure rating for the tool (90 psi).
- ✓ Do not route air hoses around sharp objects or hot surfaces that may cause damage.
- ✓ Make sure wrench is in off position prior to connecting air and hold firmly around handle.
- ✓ With the other hand, grasp the air hose coupling so that your fingers do not protrude over the end (to prevent pinching between wrench and coupling).
- ✓ Connect coupling to wrench with firm even pressure until a positive connection is made.

4. Operate Impact Wrench;

- ✓ Select the proper setting (forward or reverse)
- ✓ Place socket completely over nut ensuring a snug fit.
- ✓ Keep hands off the spinning socket while wrench is in use.
- ✓ After use, disconnect airline to wrench using quick disconnect coupling.
- ✓ Coil up airline and return it to its proper location to prevent a trip hazard.
- ✓ Return impact wrench to its proper storage area.

5. Conduct a post operational inspection;

- ✓ If damage is noticed or suspected to the impact wrench, prevent further use by locking or tagging the wrench out of service till it is repaired.