

COMPRESSED AIR/PNEUMATIC TOOLS

1. Task

Safe use and maintenance of compressed air/pneumatic tools.

2. Hazards

Struck by, cut by hazards, eye injury hazard, ergonomic sprain/strain injury, leaks, disconnections, pulsation, vibration, excessive pressure, uncontrolled movement.

3. Controls

Pre-Job Safety Assessment (PSA). CSA/ANSI approved equipment and PPE, worker training, competent supervision, manufacturer's specifications and guidelines.

- ❖ Before any worker uses pneumatic or compressed air tools, they must be adequately trained.
- ❖ Equipment must be CSA/ANSI approved.
- ❖ CSA/ANSI approved PPE must be worn, i.e. protective eyewear, hard hat, hearing protection, gloves, protective clothing.
- ❖ Use tools and compressors only in accordance with the manufacturer's specifications and guidelines.
- ❖ Ensure that all tools are in good working condition, if they are not, tag and take the tool out of service. If repairs are needed, only competent, trained workers will do repairs.
- ❖ Ensure all those connections are equipped with whip check or equivalent.
- ❖ Ensure all hoses are in good condition i.e. no cracks. Make sure that all connections are in good working order.
- ❖ Gas or diesel compressors must be operated in adequately ventilated areas.
- ❖ Ensure that all safety devices are in working order, again, if they are not, tag and take tool out of service.
- ❖ Never point a compressed tool at anything or person other than what you are working with.
- ❖ Do not leave air hoses unattended when turning compressed air source on or off.
- ❖ Do not use compressed air intended to clean off clothing, hair or exposed skin.
- ❖ Do not stand on or use your body to secure lines from movement.
- ❖ Do not use hoses for hoisting and lowering tools.
- ❖ Do not leave air hoses unattended when turning compressed air source on/off.
- ❖ Any requirements to have a live (open) end of a pressurized line MUST have a task specific safe work procedure (SWP) developed. This SWP must be reviewed and approved by Best Personnel Inc site management and reviewed and followed by all workers.
- ❖ Ensure air lines are bled before removing tools.
- ❖ Ensure all gauges are in good working order.