



Safe Work Procedure Air Compressor (portable)

Department and Program: Physical Plant Maintenance

Date First Approved: October 2018

Date Updated: February 2023

Version 2.0 SWP-PP-MAI-001

This Safe Work Procedure must be reviewed any time the task, equipment, or materials change and at a minimum every three years.

DO NOT perform this procedure until you have been appropriately trained and authorized to do so.

• Required Training

Required Personal Protective Equipment and Devices



CSA Approved Safety Footwear Required



Hearing Protection Required



Long or loose hair must be tied back or contained



Eye Protection Required



No jewelry, watches, rings, necklaces, etc.



No loose fitting clothing

Potential Hazards

- Unsecured hoses whipping under pressure
- Compressed air

Pre-Operational Safety Checks

- Inspect required personal protective equipment and replace if required.
- Ensure no slip/trip hazards are present in workspaces and walkways.
- Check that all fittings and connections are in good condition prior to starting.
- Check all fittings are securely connected prior to being pressurised.
- Locate the compressor in a suitable location for safe operation.
- Lock the wheels on the base of the compressor to prevent movement
- Faulty equipment must not be used. Immediately report suspect machinery.
- Locate and ensure you are familiar with the operation of the ON/OFF starter.
- Disconnect power before servicing air compressor.

Prohibited Activities

- Do not use pressurized air anytime to blow or clean yourself off.

Safe Work Procedure

1. Put on all required personal protective equipment.
2. Make all adjustments with POWER OFF. Start the compressor noting pressure increase and cut-out/cut-in pressure.
3. Listen for any air leaks from any flexible airlines and immediately report if any leaks are observed.
4. Adjust pressure regulator to suit work requirements.
5. Check the compressor at regular intervals.
6. Turn OFF machine
7. Clean work area with POWER OFF. Ensure trip hazards are cleaned up

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.

REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY

Housekeeping

- Switch off machine.
- Leave the machine, hose and work area in a safe, clean and tidy state.
- Before servicing, cleaning or removing any parts shut off power and relieve pressure

**Guidance Documents/ Standards/
Applicable Legislation/ Other:**

Guidance Documents:

- Operator's Manual

CSA Standards:

-

Manitoba Regulation 217/06:

- 2.1 Safe Work Procedures
- 6.1 Personal Protective Equipment
- 12.3 Hearing Protection
- 16 Machines, Tools and Robots

Date Written: 2017/08/04

Procedure Developed By: Kim Nguyen/ Denise Merrill

Date Revised:

Approved By: Michael McCormick, Director of Physical Plant

Signature: 

Date Approved:

Version 2.0 SWP-PP-MAI-001