



Safe Work Procedure

Cutting Pipe with Hand Cutter

Department and Program: Physical Plant Maintenance

Date First Approved: October 2018

Date Reviewed: February 2023 Version 2.0 SWP-PP-GEN-007

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

- Must be trained by experienced competent person

Required Personal Protective Equipment and Devices



CSA Approved Safety Footwear Required



No jewelry, watches, rings, necklaces etc.



Eye Protection Required



No loose fitting clothing



Long or loose hair must be tied back or contained



Hearing Protection Required



Gloves must not be worn when operating this equipment

Potential Hazards

- Cuts, lacerations
- Pinch Points

Pre-Operational Safety Checks

- Inspect required personal protective equipment and replace if required.
- Ensure no slip/trip hazards are present in workspaces and walkways.
- Make sure guards, if present, are installed and are working properly.
- Faulty equipment must not be used. Immediately report suspect machinery.
- If work piece extends beyond the machine set-up guards or barricades to create a safety zone. Use pipe stands to support pipe that extends 1.2 meters (4 feet) beyond the machine.

Prohibited Activities

- Do not force the cutter into the work piece

Safe Work Procedure

1. Inspect required personal protective equipment and replace if required.

2. Put on all required personal protective equipment.
3. Position the work piece in a chain vice or pipe vice
4. Position the pipe cutter on the work piece with the cutter wheels facing up.
5. Align the cutter wheels with the mark on the pipe
6. Hand-tighten the pipe cutter to the work piece using the feed screw handle while keeping the cutter wheels aligned with the mark.
7. Grasp the pipe cutter's feed screw handle with both hands rotating the cutter around while keeping moderate pressure on the cutting wheel
8. Tighten the feed screw handle slowly and continuously until the pipe is cut.
9. Clean up debris

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 listed below

REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY

Housekeeping

- Keep tool in a clean and tidy state.
- Ensure tool is kept clean and free of foreign matter
- Lubricate threads as required

Guidance Documents/ Standards/ Applicable Legislation/ Other:

Guidance Documents:

- Operator's Manual

CSA Standards:

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Manitoba Regulation 217/06:

- 2.1 Safe Work Procedures
- 6.1 Personal Protective Equipment
- 12.3 Hearing Protection
- 16.4, 16.14 & 16.35 Machine and Tool Safety

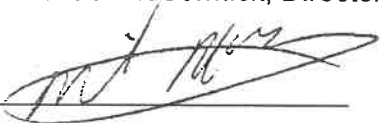
Date Written: 2017/08/16

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Date Revised:

Approved By: Michael McCormick, Director of Physical Plant

Signature: _____



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