

Chlorinating a Water Line

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

<i>Hazards Present:</i>	<i>PPE or Devices Required:</i>	<i>Additional Training Required:</i>
Chemical Burn	High Vis Vest	WHMIS
Spill/Leak	Steel Toed Boots	First Aid
Property Flooding	Hard Hat	
Water Line Contamination	Eye Protection	
	Chemical Resistant Gloves	

Safe Work Procedure:

- 1) Have MSDS on site for Chlorine and be familiar with the first aid measures that are required
- 2) Dilute chlorine with water to correct ratio. Determine with the Manitoba Water Service Board spec of as supervisor
- 3) Connect pressure hose to water line, check for leaks and damage to avoid spills/leaks
- 4) Check that all valves are in the correct position
- 5) Open water line and measure flow to determine correct injection speed
- 6) Inject chlorine solution evenly into line
- 7) Once complete, isolate chlorinated line for a minimum of 24 hours.

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

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations: Part 6 Personal Protective Equipment Part 35 WHMIS Manitoba Water Services Board Standard Const. Spec 3.21 Disinfection	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: