

Fire Hydrant Installation

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Slip/Trip	Steel toed boots	Operator training
Equipment malfunction	Eye protection	Confined space
Muscle strain	Hand protection	
Pinch points	Hard hat	
Overhead wires	High visibility vest	

Permanent structures

**Safe Work Procedure:**

- 1) Use hydrant ears to lower in the trench.
- 2) Ensure that end caps are secure on the hydrant ears.
- 3) Use an 80 grade chain or approved sling to lower / lift (pre inspection).
- 4) Use a push bar to push the hydrant pipe.
- 5) Ensure that egress is within 10 ft (3m) of the working area.
- 6) Ensure the thrust block is poured before backfilling.
- 7) Ensure the hydrant block is installed.
- 8) Turn the fire hydrant valve off.
- 9) Manually pump out hydrant if not self-draining.
- 10) Flush the hydrant after backfilling.

***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**

<p><b>Guidance Documents/Standards:</b></p> <p>MB Workplace Safety &amp; Health Act &amp; Regulations:                      5 First Aid                      6 Personal Protective Equipment                      16 Machines, Tools and Robots                      12 Hearing Conservation and Noise Control                      23 Cranes and Hoists                      26.14 Excavations &amp; Tunnels</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>