

**Purpose/Application**

Procedure for threading pipe.

**PPE**

- Hard hat
- Gloves (leather)
- Safety glasses
- Face shield
- Personal monitor

**TRAINING**

**TOOLS/EQUIPMENT**

- Picker truck
- Threader
- Generator
- Chop saw
- Pipe wrenches
- Pipe Vise
- Wire brush
- Reamer
- File
- Pipe
- Tape
- Fittings
- Pipe dope/pipe thread tape

#	Job Steps	Hazards	Control Measures
1	Obtain a work permit	Incorrect or inadequate information	<ul style="list-style-type: none"> <li>▪ All appropriate information and hazards will be listed on permit prior to starting the task</li> </ul>
2	Inspect all tools for any damage prior to each use	Fire, explosion, injury, slips, trips, falls	<ul style="list-style-type: none"> <li>▪ Review the manufacturer's instruction before using a tool</li> <li>▪ Check the handle and body casing of the tool for cracks or other damage</li> <li>▪ If the tool has auxiliary or double handles, check to see that they're installed securely</li> <li>▪ Inspect cords for defects: check the power cord for cracking, fraying, and other signs of wear or faults in the cord insulation</li> </ul>



**SAFE JOB PROCEDURE**

**SJP-21**

**December 15, 2008**

**THREADING PIPE**

#	Job Steps	Hazards	Control Measures
			<ul style="list-style-type: none"> <li>▪ Check for damaged switches and any with faulty trigger locks</li> <li>▪ Inspect the plug for cracks and for missing, loose or faulty prongs</li> <li>▪ Follow Safe Work Practice SWP-04</li> </ul>
3	Inspect work are	Slips, trips, falls	<ul style="list-style-type: none"> <li>▪ Keep the work area clean</li> <li>▪ Do not operate power tools in an explosive atmosphere</li> <li>▪ Follow the Safe Job Procedure SJP-20</li> <li>▪ Check the area and Flag Off Authorized Personnel Only</li> </ul>
4	Measure the pipe	Slips, trips, falls	<ul style="list-style-type: none"> <li>▪ Keeps the work area clean</li> <li>▪ Watch your footing</li> </ul>
5	Cutting the pipe	Sparks, flying debris, burs, snags, pinch points, wrong cutting disk	<ul style="list-style-type: none"> <li>▪ Designate a safety watch</li> <li>▪ Monitor the situation continuously</li> <li>▪ Lock the pipe in the chain vise</li> <li>▪ Use the cold cutter/hand cutter</li> <li>▪ Use the pipe wrench to support power drive</li> <li>▪ Use a catch basin to contain all fluids</li> <li>▪ Use a pipe reamer/file to clean out the end of the pipe (NEVER use your hand to clean the end of the pipe)</li> <li>▪ Wear all PPE Face Shield/Safety Glasses</li> <li>▪ Ventilate where necessary</li> <li>▪ Do not wear glove or loose clothing when operating the power drive (threader), keep your sleeves and jackets buttoned up</li> <li>▪ Use the proper cutting disk to cut the pipe</li> <li>▪ Use power tools outside at all times (ONLY use inside when required, and follow all safe work permits at all times)</li> </ul>



#	Job Steps	Hazards	Control Measures
6	Power Threading/Hand Threading Pipe	Pinch points, sparks, flying debris, burs, snags	<ul style="list-style-type: none"><li>Do not over reach, and keep proper footing and balance at all times</li><li>Avoid accidental starting and be sure the switch is OFF before plugging it in</li><li>Use the catch basin to contain all fluids</li><li>Use the reamer or file to clean the end of the pipe</li><li>Use the wire to clean threads, NEVER use your hand to remove burs from the end of the pipe</li><li>Do not wear gloves or loose clothing when operating the power drive (threader), keep your sleeves and jackets buttoned up</li></ul>
7	Installing the pipe	Slips, trips, falls, pinch points	<ul style="list-style-type: none"><li>Keep the work area clean</li><li>Do not over reach, and keep proper footing and balance at all times</li></ul>



**Additional Precautions:**

**REFERENCE/REGULATIONS**

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Developed by:	1.	Angie Anton	2.	_____	Date:	Dec. 15/08
	3.	_____	4.	_____		_____
Revised by:	1.	_____	2.	_____	Date:	_____

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