

Safe Work Practice (SWP)

Name of Task Pipe Threader	
Department/Unit: Trades Programs	
Personal Protective Equipment or other required equipment and safety considerations: Eye protection, and CSA approved footwear. Long hair must be tied back or contained. No loose fitting clothing, or jewelry (watches, rings or necklaces).	
Hazards: Cuts, lacerations, amputations, dust/debris irritation, noise, projectile work pieces/tools from improper set up or speed setting, burns, fumes, and hot materials.	
Required Training:	<ul style="list-style-type: none"> Successful completion of safety unit and test. Instructor supervision.
Steps to be taken to complete task safely:	
1	Pre-Operational Safety Checks: <ul style="list-style-type: none"> Inspect required personal protective equipment and replace if required. Ensure no slip/tripping hazards are present in workspace and walkways. Make sure guards, if present, are installed and working properly. 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 supply before making any adjustments, changing accessories, or storing the tool. Do not use if foot switch is missing or broken. 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 beyond the machine.
2	Prohibited Activities: <ul style="list-style-type: none"> Do not smoke. Do not leave this equipment unattended while running. Do not use for other purposes such as drilling holes or turning winches. Do not use this machine to make or break fittings. Do not reach across the machine or work piece.
3	Inspect required personal protective equipment and replace if required.
4	Wear all required personal protective equipment.
5	Make all adjustments with Power Off.
6	Install die set. Refer to die installation procedure.
7	Swing cutter and reamer to UP position.
8	Swing the die head to DOWN position with throw-out lever set to CLOSE position.
9	Check directional switch to insure it is in the FORWARD position. Depress and hold the foot switch down with left foot.
10	Turn carriage handwheel to bring dies against end of pipe. Slight pressure on handwheel will start dies.
11	Turn carriage handwheel to back die head off pipe.
12	Release the foot switch and remove your foot from the housing.
13	Swing die head back to UP position.

14	Post-Operational Safety Checks:- <ul style="list-style-type: none"> Clean up dust and debris with Power Off.
<i>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.</i>	
Responsibilities, Completion and Review	
<i>Management and workers to ensure all duties performed in accordance to training, established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per SAFE Work Procedures). Notify Manager or designates (i.e. supervisors) of all occurrences, injuries illnesses or safety and health concerns which are likely to harm themselves, co-workers, or any others who enter the premises.</i>	
Completed by and Date:	Approved by:
Last Reviewed/Revised by and Date:	Note: This task will be monitored periodically to ensure compliance and effectiveness.