

Safe Work Practice (SWP)

Name of Task Angle Grinder	
Department/Unit: Trades Programs, and Maintenance	
Personal Protective Equipment or other required equipment and safety considerations: Eye protection, CSA approved safety footwear, hearing protection, and no loose fitting clothing. Tie back long hair, and wear protective hair covering to contain long hair.	
Hazards: Cuts, lacerations, dust/debris irritation, noise, sparks/debris.	
Required Training:	Successful completion of safety unit and test. Training in-house by individuals, experienced and knowledgeable with the tool. Operator's Manual
Steps to be taken to complete task safely:	
1	Pre-Operational Safety Checks:- <ul style="list-style-type: none"> Ensure no slip/trip hazards are present in workspace and walkways Faulty equipment must not be used. Immediately report suspect equipment Inspect all required Personal Protective Equipment (PPE) and replace if necessary. Make sure all guards are in place, properly adjusted and secured. Check grinding wheel carefully for cracks or damage before operation Ensure power switch is on OFF position before plugging in. Check that the cord is away from path of tool Remove any wrenches and adjusting tools before turning ON Keep power cords away from heat, water, oil, sharp edges and moving parts. They can damage the insulation and cause a shock Ensure that work piece is properly secured Disconnect power supply before changing or adjusting grinding wheels. Locate and ensure you are familiar with the operation of the ON/OFF starter.
2	Wear specified Personal Protective Equipment.
3	Turn power ON and allow motor to come to full speed before using.
4	Perform operation safely and at a moderate pace; use the specified surface of the wheel to perform the grinding.
5	Turn OFF and allow machine to stop before setting down.
6	Post-Operational Safety Checks:- <ul style="list-style-type: none"> Clean up dust and debris with power OFF.
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.	
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.