



Safe Work Practice (SWP)

Name of Task: Concrete Mixer	
Department/Unit: Trades	
Personal Protective Equipment or other required equipment or other safety considerations: <ul style="list-style-type: none"> • Eye Protection Required • Approved Dust Mask Required • No loose-fitting clothing • Long or loose hair must be tied back or contained • CSA Approved Safety Footwear Required • No jewelry, watches, rings, necklaces, etc. • Hearing Protection Required 	
Hazards: <ul style="list-style-type: none"> • Cuts, lacerations and amputations • Fumes • Dust/debris irritation • Electric shock • Noise 	
Required Training	<ul style="list-style-type: none"> • Successful completion of NBCC Safety Course (Work Safely or Workplace Safety Practices) • Shop safety orientation • Read and understand SWP • For students, practical demonstration and Instructor supervision required
Pre-Operational Safety Checks	<ul style="list-style-type: none"> • Inspect required personal protective equipment and replace if required. • Ensure no slip/trip hazards are present in workspaces and walkways. • Make sure guards, if present, are installed and are 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 changing or adjusting blades
Prohibited Activities	<ul style="list-style-type: none"> • Do not Smoke (Fire Hazard) • Do not leave this equipment unattended while running • Do not place hands or any objects inside the mixer drum while it is running. • Do not operate the mixer on a surface that is uneven. • Do not operate the mixer in or around water puddles
Steps to be taken to complete task safely:	
1	Wear appropriate personal protective equipment (PPE).
2	Make all adjustments with POWER OFF.
3	Make sure all guards are in place, properly adjusted, and secured.
4	Put drum in loading position. Rotate the dump wheel until the desired drum position is achieved.
5	Start mixer.
6	Add measured amounts of water, cement, and aggregates.
	CAUTION: Do not put shovel or your hands inside the drum
7	Put drum in discharge position. Rotate the dump wheel until the desired drum position is achieved.
8	Clean up dust and debris with POWER OFF.

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	<p>If an emergency 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</p> <p>Housekeeping</p> <ul style="list-style-type: none"> • Ensure equipment is off. • Place all materials in their proper storage areas. • Ensure the equipment is safe, clean and tidy before you leave it.
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: 1/20/2020	Approved by: Catherine Black – Dean, Trades
Last Reviewed / Revised by and Date:	Note: This task will be monitored periodically to ensure compliance and effectiveness.

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