



PERSONAL PROTECTIVE EQUIPMENT (PPE) HAZARD ASSESSMENT

JOB TASK: Cement cutting, grinding	ASSESSMENT CONDUCTED BY:	Leah Koon
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EYE HAZARDS		
Work related exposures to: ☒ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☒ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: Heavy dust-use water- flying particles Required PPE: Safety Goggles while operating the saw. Those in close proximity need N95's and fog resistant glasses.

HEAD/FACE HAZARDS		
Work related exposures to: ☒ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☒ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: dust particles, flying debris from cutting cement. Exposure to Silica dust through absorption, inhalation Required PPE: N95's required when saw is in use.

ARMS/HAND HAZARDS		
Work related exposures to: ☐ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☐ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: dust flying debris Exposure to Silica dust through absorption, inhalation Required PPE: long pants and long sleeves/protective jacket while operating saw

FEET/LEG HAZARDS		
Work related exposures to: ☐ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☐ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: dust flying debris-dermal exposure to silica dust Required PPE:

BODY/SKIN HAZARDS		
Work related exposures to: ☒ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☒ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: Exposure to Silica dust through absorption, inhalation-possible ingestion. Work site is to minimize the amount of dust in the air as particles can land on any surrounding surface. Required PPE:

FALL HAZARDS- N/A		
Work related exposures to: ☐ Chemicals ☐ Airborne dust ☐ Light (welding/cutting) ☐ Flying particles ☐ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: Required PPE: n/a

NOISE HAZARD		
Work related exposures to: ☐ Chemicals ☐ Airborne dust ☐ Light (welding/cutting) ☐ Flying particles ☐ Impact ☒ Other dB >than 90	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: Saw in operation is >100dB Required PPE: Hearing protection is required any time saw is in use by everyone on site.

RESPIRATORY HAZARDS		
Work related exposures to: ☐ Chemicals ☒ Airborne dust ☐ Light (welding/cutting) ☒ Flying particles ☐ Impact ☐ Other	Can the hazard be eliminated without the use of PPE? ☐ YES ☒ NO	Description of hazards: Exposure to Silica dust through absorption, inhalation-possible ingestion. Work site is to minimize the amount of dust in the air as particles can land on any surrounding surface. NOTE: WATER is to be used while saw is in operation AT ALL TIMES. If a wet saw is unavailable there must be an approved alternative water source. Required PPE: N95's must be worn by everyone on site while the saw is in operation.