FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 18:04
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Outdoor, balcony and pool tiling	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Tiling

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Check the balcony railing is in place before working near an edge	Falling from height Rules: Provincial OHS regulation, fall protection	**Critical Likely / Fatality**	1.1 Do the work from the ground where you can, for example pre-assemble on the ground or use extension poles. [Elimination] 1.2 Install guardrails or edge protection on all open edges before work starts. [Engineering (guarding)] 1.3 Use a scaffold, mobile work platform or aerial work platform instead of working off a ladder. [Engineering] 1.4 Where edge protection is not practical, use a fall restraint or fall arrest system on a rated anchor point. [Engineering] 1.5 Fall protection plan in place where required. Workers trained in fall protection (Working at Heights training in Ontario). [Administrative] 1.6 Have a rescue plan so a worker hanging in a harness can be brought down within minutes. [Administrative] 1.7 Wear a full body harness with a shock-absorbing lanyard, clipped on at all times when using fall arrest. [PPE]	**Medium Rare / Fatality**	Site supervisor
2	Fence pools, as pools are a drowning risk for kids	Drowning Public entering the work area	**High Possible / Serious injury**	2.1 Work from the bank or a platform instead of in or over the water where you can. [Elimination] 2.2 Put up barriers or guardrails along water edges. [Engineering (guarding)] 2.3 Pump out flooded pits and excavations before work. [Engineering] 2.4 Never work near deep water alone. Keep a rescue person with a throw line or life ring ready. [Administrative] 2.5 Check water levels and the weather, and stop work in floods or fast-flowing water. [Administrative] 2.6 Wear a life jacket when working over or next to water deep enough to drown in. [PPE] 2.7 Fence off the site with secure temporary fencing and lock the gates when you leave. [Engineering (guarding)] 2.8 Give pedestrians a safe, marked path around the work, with ramps for strollers and wheelchairs. [Engineering (guarding)] 2.9 Use hoarding, covered walkways or catch fans where	**Medium Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				work is above public areas. [Engineering] 2.10 Put signs at each entry: site name, contact number and "No unauthorised entry". [Administrative] 2.11 Make the site safe at the end of each day: cover holes, lower buckets and booms, remove ladders and lock tools away. [Administrative] 2.12 Use a spotter when moving equipment or materials across public paths. [Administrative]		
3	Cut tiles wet and keep leads dry	Silica dust from concrete, brick, stone and tiles Electric shock from cords and power tools Rules: Provincial OHS regulation, silica exposure limits	**Critical Likely / Fatality**	3.1 Order materials cut to size, or use low-dust methods such as score and snap or a block splitter. [Substitution] 3.2 Cut outdoors or in a separate area, with other people well away and upwind. [Engineering (guarding)] 3.3 Use water on the blade or on-tool dust extraction connected to a HEPA vacuum. [Engineering] 3.4 Clean up with a vacuum or wet methods. Never dry sweep or use compressed air. [Administrative] 3.5 Have a silica exposure control plan where your province requires one. [Administrative] 3.6 Wear a fit-tested N95 (or better) respirator. [PPE] 3.7 Use battery-powered tools where you can. [Substitution] 3.8 Use GFCI protection on all temporary power and portable tools. [Engineering] 3.9 Keep cords off the ground and out of water, using stands or hooks. [Engineering] 3.10 Check cords, plugs and tools before every use. Tag out and remove anything damaged. [Administrative] 3.11 Do not use tools in rain or wet areas unless they are rated for it. [Administrative] 3.12 Wear safety boots and dry gloves. [PPE]	**Medium Rare / Fatality**	Site supervisor
4	Lay tiles in shade or cooler hours	Heat stress Sun exposure (UV) Repetitive work and awkward postures	**High Possible / Serious injury**	4.1 Schedule heavy work for the cooler part of the day. [Elimination] 4.2 Provide shade over work and rest areas, and fans or cooling in attics. [Engineering] 4.3 Supply cool drinking water close by and drink a cup every 15 to 20 minutes. [Administrative] 4.4 Take regular rest breaks in the shade, more often as it gets hotter. [Administrative] 4.5 Let new and returning workers build up to full work in the heat over about a week. [Administrative] 4.6 Plan outdoor work for early morning or late afternoon when UV is lower. [Elimination] 4.7 Put shade covers over fixed work areas. [Engineering] 4.8 Check the UV index each day. Use sun protection when it is 3 or higher. [Administrative] 4.9 Check your skin regularly and see a doctor about any new or changing spots. [Administrative] 4.10 Wear a broad-brim hat or hard hat brim, long sleeves, sunglasses and SPF 30 or higher sunscreen, reapplied every	**Medium Unlikely / Serious injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				2 hours. [PPE] 4.11 Use tools that cut the effort: powered screwdrivers, long-handled tools and extension poles for overhead work. [Substitution] 4.12 Set work up at waist height on benches or trestles where you can. [Engineering] 4.13 Use light tools with good grips, and keep blades and bits sharp. [Engineering] 4.14 Rotate tasks and take short breaks every hour on repetitive work. [Administrative] 4.15 Warm up before heavy physical work and report aches and pains early. [Administrative]		
5	Grout, seal and clean up	Hazardous chemicals Poor housekeeping and waste Rules: WHMIS 2015 and provincial OHS regulation	**Medium Possible / Lost time injury**	5.1 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 5.2 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 5.3 Read the Safety Data Sheet (SDS) and WHMIS labels before use. Workers have WHMIS training. [Administrative] 5.4 Keep chemicals in labelled containers. Never decant into drink bottles. [Administrative] 5.5 Store chemicals away from heat, food and drink, and keep products that react with each other apart. [Administrative] 5.6 Have eye wash and a spill kit nearby, and wash hands before eating. [Administrative] 5.7 Wear chemical-resistant gloves and safety glasses or goggles as listed on the SDS. [PPE] 5.8 Use a respirator with the right cartridge if the SDS calls for one. [PPE] 5.9 Order materials to size and send packaging back where you can. [Elimination] 5.10 Put waste bins and chutes close to the work. [Engineering] 5.11 Clean as you go, and do a full clean up at the end of each day. [Administrative] 5.12 Keep exits, stairs and walkways clear at all times. [Administrative] 5.13 Stack materials neatly on level ground, away from edges. [Administrative] 5.14 Wear gloves when handling waste. [PPE]	**Medium Unlikely / Lost time injury**	Site supervisor

Risk key: risk = likelihood x consequence on a 5 x 5 matrix. Low, Medium, High, Critical. Work must not start while the risk after controls is high or above. Controls are listed in order of the hierarchy of controls: Elimination, Substitution, Engineering (guarding), Engineering, Administrative, PPE.

3. PPE AND PERMITS

Required PPE	Permits and plans

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Knee pads Safety glasses (CSA Z94.3) N95 respirator Chemical-resistant gloves Sun protection (sunscreen, hat, long sleeves) High-visibility vest (CSA Z96) Respirator fit tested to CSA Z94.4 (P100 for dust, or the type the air test calls for) Hearing protection CSA green triangle safety boots (CSA Z195) Work gloves Safety goggles Coveralls	None required

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Wet tile saw					
Angle grinder					
Hand tools					

5. TRAINING REQUIRED FOR THIS WORK

- WHMIS training

6. CREW COMPETENCY, TICKETS AND LICENCES

Crew listed at sign-on below, with ticket and licence numbers.

7. EMERGENCY ARRANGEMENTS

Emergency number	911	**First aid kit**	In the work vehicle
Fire extinguisher	In the work vehicle	**Alarm and evacuation**	Shout for help and stop work. Make the area safe and go to the assembly point. Call the emergency number and send someone to meet the ambulance.
Reporting incidents	Report serious incidents to the provincial regulator as required.		

8. MONITORING, REVIEW AND LEGAL BASIS

The supervisor and crew review this assessment at the start of the shift, whenever the task, crew or conditions change, and before any new work process starts. Re-assess and initial the changes below.

Legal basis: Provincial occupational health and safety law (e.g. Ontario OHSA and O. Reg. 213/91, BC OHS Regulation, Alberta OHS Code). Employers must identify hazards before work starts and control them, and workers must be told about them. A field level hazard assessment is done on site, at the start of each shift or task, and reviewed again when conditions change.

Keep completed hazard assessments for at least 3 years (COR auditors sample the last 12 months). Review this FLHA and re-sign whenever the task, crew or conditions change.

9. PRE-JOB CHECKS

Check	Yes	No
PPE inspected and in good condition		
Tools and equipment inspected		
Permits reviewed and posted		
Locates valid and on site (if digging)		
Barricades or warning ribbon in place		
Muster point and emergency plan reviewed with the crew		
SDS available for products used		
Working alone check-in set up (if anyone works alone)		

10. RE-ASSESSMENT WHEN CONDITIONS CHANGE

Time	What changed	New hazards	Controls	Initials

11. END OF SHIFT REVIEW

Completed at		**Reviewed by**	
Area cleaned up and safe		**Permits closed**	
Incidents or near misses		**Hazards remaining**	

12. REVISION HISTORY

Rev	Date	By	What changed
1	Nov 9, 2026		First issue

Rev	Date	By	What changed

13. SIGN-OFF

	Name	Signature	Date	
Prepared by				
Supervisor				
Prime contractor review				Accepted for use: Yes / No

By signing below, each worker confirms they took part in this hazard assessment, it was reviewed with them before work started, and they will follow it. Stop and re-assess if anything changes.

Name	Role / company	Tickets / licences	Signature	Date

Name	Role / company	Tickets / licences	Signature	Date