FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 17:32
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Bathroom 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 waterproofing is done and cured	Hazardous chemicals Rules: WHMIS 2015 and provincial OHS regulation	**Medium Possible / Lost time injury**	1.1 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 1.2 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 1.3 Read the Safety Data Sheet (SDS) and WHMIS labels before use. Workers have WHMIS training. [Administrative] 1.4 Keep chemicals in labelled containers. Never decant into drink bottles. [Administrative] 1.5 Store chemicals away from heat, food and drink, and keep products that react with each other apart. [Administrative] 1.6 Have eye wash and a spill kit nearby, and wash hands before eating. [Administrative] 1.7 Wear chemical-resistant gloves and safety glasses or goggles as listed on the SDS. [PPE] 1.8 Use a respirator with the right cartridge if the SDS calls for one. [PPE]	**Medium Unlikely / Lost time injury**	Site supervisor
2	Mix adhesive with gloves, mask and paddle mixer	General dust Wet concrete and cement burns Injury from power tools	**Medium Possible / Lost time injury**	2.1 Use low-dust products, such as dust-reduced or pre-mixed compounds. [Substitution] 2.2 Seal off the work area with plastic sheeting in occupied buildings. [Engineering (guarding)] 2.3 Use tools with dust extraction and a vacuum for clean up. [Engineering] 2.4 Lightly mist the area with water to keep dust down, away from anything electrical. [Engineering] 2.5 Never dry sweep or blow dust off with compressed air. [Administrative] 2.6 Use long-handled tools and pumps to cut down contact. [Engineering] 2.7 Wash concrete off skin straight away with clean water. [Administrative] 2.8 Have clean water and eye wash at the pour. [Administrative] 2.9 Wear waterproof gloves, long sleeves and rubber boots	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				with pants worn over the top. [PPE] 2.10 Wear safety glasses or goggles to stop splashes. [PPE] 2.11 Keep all guards fitted and working. Never tie back or remove a guard. [Engineering] 2.12 Clamp or secure the work piece. Do not hold it by hand. [Engineering] 2.13 Only trained, competent people use power tools, following the maker's instructions. [Administrative] 2.14 Check tools before use. Unplug or remove the battery before changing blades or bits. [Administrative] 2.15 No loose clothing, jewellery or long hair near spinning parts. [Administrative]		
3	Cut tiles wet or outside, with extraction for dry cuts	Silica dust from concrete, brick, stone and tiles Saw cuts and kickback Loud noise 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 Keep blade guards fitted and working, and use the riving knife on table saws. [Engineering] 3.8 Use push sticks and clamps, and support long pieces so they do not pinch the blade. [Engineering] 3.9 Use a sharp, undamaged blade made for the material. [Administrative] 3.10 Stand to one side of the blade line, out of the kickback path. [Administrative] 3.11 Let the blade stop fully before reaching in or putting the saw down. [Administrative] 3.12 Use quieter tools and methods, such as cut-to-size materials, low-noise machines and battery tools. [Substitution] 3.13 Keep noisy equipment away from work areas, and use screens or distance between the noise and people. [Engineering (guarding)] 3.14 Keep tools maintained and use mufflers on compressors and generators. [Engineering] 3.15 Limit time on noisy tools and rotate workers. [Administrative] 3.16 If you have to shout to be heard 1 metre away, wear hearing protection. [Administrative]	**Medium Unlikely / Serious injury**	Site supervisor
4	Lay tiles on knee pads, carrying large tiles with two people	Lifting and carrying heavy loads Repetitive work and awkward postures	**High Likely / Lost time injury**	4.1 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination]	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
		Cuts from sharp edges		4.2 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] 4.3 Use trolleys, pallet jacks, hoists, vacuum lifters or equipment instead of carrying by hand. [Engineering] 4.4 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative] 4.5 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative] 4.6 Use tools that cut the effort: powered screwdrivers, long-handled tools and extension poles for overhead work. [Substitution] 4.7 Set work up at waist height on benches or trestles where you can. [Engineering] 4.8 Use light tools with good grips, and keep blades and bits sharp. [Engineering] 4.9 Rotate tasks and take short breaks every hour on repetitive work. [Administrative] 4.10 Warm up before heavy physical work and report aches and pains early. [Administrative] 4.11 Deburr or cover sharp edges, and fit edge protectors on exposed sheet metal. [Engineering] 4.12 Use knives with retractable or self-retracting blades. [Engineering] 4.13 Cut away from your body and keep your other hand clear. [Administrative] 4.14 Put used blades in a blade bin or sharps container. [Administrative] 4.15 Use two people to handle large sheets of metal or glass. [Administrative]		
5	Grout and clean, keeping floors dry	Slips and trips Hazardous chemicals Rules: WHMIS 2015 and provincial OHS regulation	**Medium Possible / Lost time injury**	5.1 Plan walkways and keep them clear of materials, hoses and leads. [Elimination] 5.2 Run leads and hoses overhead on hooks or stands, or along walls, not across walkways. [Engineering] 5.3 Fill or cover holes, and lay boards or mats on muddy access paths. [Engineering] 5.4 Clean up offcuts, packaging and spills as you go, not at the end of the day. [Administrative] 5.5 Keep work areas, stairs and access paths well lit. [Administrative] 5.6 Wear safety boots with good grip, laced up. [PPE] 5.7 Hazardous chemicals: see step 1 for the full controls [Administrative]	**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
Safety glasses (CSA Z94.3) N95 respirator Knee pads Chemical-resistant gloves Hearing protection CSA green triangle safety boots (CSA Z195) Safety goggles Respirator fit tested to CSA Z94.4 (P100 for dust, or the type the air test calls for) Coveralls Work gloves Cut-resistant gloves	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					
Power drill					

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

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