# FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 17:46
Valid for this shift / task only
Highest risk after controls: Medium

## 1. BUSINESS AND JOB DETAILS

| | | | |
|---|---|---|---|
| **Job** | Install a toilet, faucets or basin | **Start date** | Nov 9, 2026 |
| **Working hours** | 7:00 am to 3:30 pm | **Trade** | Plumbing |

## 2. JOB STEPS, HAZARDS AND CONTROLS

| # | Job step | Hazards | Risk before | Controls | Risk after | Responsible |
|---|---|---|---|---|---|---|
| 1 | Isolate water to the fixture and drain the lines | Stored energy<br>Slips and trips | **Medium**<br>**Unlikely / Serious injury** | 1.1 Release or block all stored energy before work: release the pressure in pipes, tanks and hoses, bleed hydraulics, release springs, lower loads. [Elimination]<br>1.2 Lock out and tag all energy sources with personal locks. [Engineering (guarding)]<br>1.3 Put mechanical blocks or props under raised parts like buckets, tipper bodies and doors. [Engineering]<br>1.4 Test that the system is dead and nothing can move before you start. [Administrative]<br>1.5 Follow the maker's procedure, for example for garage door and roller door springs. [Administrative]<br>1.6 Wear safety glasses and gloves. [PPE]<br>1.7 Plan walkways and keep them clear of materials, hoses and leads. [Elimination]<br>1.8 Run leads and hoses overhead on hooks or stands, or along walls, not across walkways. [Engineering]<br>1.9 Slips and trips: see step 5 for the full controls [Administrative] | **Low**<br>**Rare / Serious injury** | Site supervisor |
| 2 | Remove the old fixture, wearing gloves for waste contamination | Sewage and wastewater<br>Lifting and carrying heavy loads<br>Cuts from sharp edges | **High**<br>**Likely / Lost time injury** | 2.1 Flush and drain the line before opening it, and plan the job to avoid contact. [Elimination]<br>2.2 Use drain cameras, jetters and long-handled tools to keep hands out. [Engineering]<br>2.3 Cover cuts with waterproof dressings. Never eat, drink or smoke before washing. [Administrative]<br>2.4 Wash hands well and clean tools and boots after the job. [Administrative]<br>2.5 Keep vaccinations such as tetanus and hepatitis A up to date, on medical advice. [Administrative]<br>2.6 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination]<br>2.7 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] | **Medium**<br>**Unlikely / Lost time injury** | Site supervisor |

| # | Job step | Hazards | Risk before | Controls | Risk after | Responsible |
|---|---|---|---|---|---|---|
| | | | | 2.8 Use trolleys, pallet jacks, hoists, vacuum lifters or equipment instead of carrying by hand. [Engineering]<br>2.9 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative]<br>2.10 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative]<br>2.11 Deburr or cover sharp edges, and fit edge protectors on exposed sheet metal. [Engineering]<br>2.12 Use knives with retractable or self-retracting blades. [Engineering]<br>2.13 Cut away from your body and keep your other hand clear. [Administrative]<br>2.14 Put used blades in a blade bin or sharps container. [Administrative]<br>2.15 Use two people to handle large sheets of metal or glass. [Administrative] | | |
| 3 | Drill fixings into tiles with the right bit and glasses on | Injury from power tools<br>Eye injuries<br>Glass handling and breakage | **High**<br>**Possible / Serious injury** | 3.1 Keep all guards fitted and working. Never tie back or remove a guard. [Engineering]<br>3.2 Clamp or secure the work piece. Do not hold it by hand. [Engineering]<br>3.3 Only trained, competent people use power tools, following the maker's instructions. [Administrative]<br>3.4 Check tools before use. Unplug or remove the battery before changing blades or bits. [Administrative]<br>3.5 No loose clothing, jewellery or long hair near spinning parts. [Administrative]<br>3.6 Use tool guards and screens to stop flying particles. [Engineering]<br>3.7 Use dust extraction and water to keep dust out of the air. [Engineering]<br>3.8 Keep others out of the area when cutting, grinding or chipping. [Administrative]<br>3.9 Keep an eye wash station or eye wash bottles on site. [Administrative]<br>3.10 Wear safety glasses at all times, goggles for dust and chemicals, and a face shield for grinding. [PPE]<br>3.11 Use suction lifters, glass trolleys or a glazing robot for large panes. [Engineering]<br>3.12 Store glass upright on racks and secure it. Never lay it flat or lean it loosely. [Engineering]<br>3.13 Use two or more people for large panes, and clear the carry route first. [Administrative]<br>3.14 Mark new glass with tape or stickers so nobody walks into it. [Administrative]<br>3.15 Clean up broken glass straight away into a marked container. [Administrative] | **Medium**<br>**Unlikely / Serious injury** | Site supervisor |
| 4 | Fit and connect the new fixture, kneeling on pads | Lifting and carrying heavy loads<br>Repetitive work and awkward | **High**<br>**Likely / Lost** | 4.1 Rotate tasks and take breaks on long lifting jobs. [Administrative] | **Medium**<br>**Unlikely / Lost** | Site supervisor |

| # | Job step | Hazards | Risk before | Controls | Risk after | Responsible |
|---|---|---|---|---|---|---|
| | | postures | time injury | 4.2 Wear gloves for grip and safety boots to protect your feet. [PPE]<br>4.3 Lifting and carrying heavy loads: see step 2 for the full controls [Administrative]<br>4.4 Use tools that cut the effort: powered screwdrivers, long-handled tools and extension poles for overhead work. [Substitution]<br>4.5 Set work up at waist height on benches or trestles where you can. [Engineering]<br>4.6 Use light tools with good grips, and keep blades and bits sharp. [Engineering]<br>4.7 Rotate tasks and take short breaks every hour on repetitive work. [Administrative]<br>4.8 Warm up before heavy physical work and report aches and pains early. [Administrative]<br>4.9 Wear knee pads for kneeling work and gloves for grip. [PPE] | time injury | |
| 5 | Turn water on, check for leaks and clean up | Slips and trips<br>Poor housekeeping and waste | Medium<br>Likely / Minor injury | 5.1 Plan walkways and keep them clear of materials, hoses and leads. [Elimination]<br>5.2 Run leads and hoses overhead on hooks or stands, or along walls, not across walkways. [Engineering]<br>5.3 Fill or cover holes, and lay boards or mats on muddy access paths. [Engineering]<br>5.4 Clean up offcuts, packaging and spills as you go, not at the end of the day. [Administrative]<br>5.5 Keep work areas, stairs and access paths well lit. [Administrative]<br>5.6 Wear safety boots with good grip, laced up. [PPE]<br>5.7 Order materials to size and send packaging back where you can. [Elimination]<br>5.8 Put waste bins and chutes close to the work. [Engineering]<br>5.9 Clean as you go, and do a full clean up at the end of each day. [Administrative]<br>5.10 Keep exits, stairs and walkways clear at all times. [Administrative]<br>5.11 Stack materials neatly on level ground, away from edges. [Administrative]<br>5.12 Wear gloves when handling waste. [PPE] | Low<br>Unlikely / Minor 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 |
|---|---|
| CSA green triangle safety boots (CSA Z195) | Lockout permit |

| Required PPE | Permits and plans |
|---|---|
| Work gloves<br>Safety glasses (CSA Z94.3)<br>Knee pads<br>Chemical-resistant gloves<br>Safety goggles<br>Face shield<br>Coveralls<br>Cut-resistant gloves<br>Hearing protection | |

## 4. PLANT AND EQUIPMENT

| Plant / equipment | Licence or training needed | Inspection needed | Rego / ID | Last inspected | Certificate / report |
|---|---|---|---|---|---|
| Hand tools | | | | | |
| Power drill | | | | | |

## 5. CREW COMPETENCY, TICKETS AND LICENCES

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

## 6. 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. | | |

## 7. 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.

## 8. PRE-JOB CHECKS

| Check | Yes | No |
|---|---|---|
| PPE inspected and in good condition | | |

| Check | Yes | No |
|---|---|---|
| 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) | | |

## 9. RE-ASSESSMENT WHEN CONDITIONS CHANGE

| Time | What changed | New hazards | Controls | Initials |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

## 10. END OF SHIFT REVIEW

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

## 11. REVISION HISTORY

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

## 12. 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 |
|---|---|---|---|---|
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| Name | Role / company | Tickets / licences | Signature | Date |
|---|---|---|---|---|
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