FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 16:45
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Site set up and establishment	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	General contracting

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Get utility locates and check for overhead power lines	Hitting underground services Contact with overhead power lines	**Critical Possible / Fatality**	1.1 Keep machine buckets well clear of marked services and use a spotter. [Engineering (guarding)] 1.2 Scan the area with a cable locator before digging and mark services on the ground. [Engineering] 1.3 Hand expose or hydrovac services before machine digging inside the locate tolerance zone. [Engineering] 1.4 Click Before You Dig: lodge a locate request with your provincial one-call service and wait for the locates. [Administrative] 1.5 Follow your province's ground disturbance rules and keep locate sheets on site. [Administrative] 1.6 Keep plans or locate tickets on site and check them again if the work area grows. [Administrative] 1.7 If you hit a service, stop, get everyone clear, and call the owner and emergency services. [Administrative] 1.8 Wear safety boots, gloves and hi-vis when digging. [PPE] 1.9 Ask the utility to de-energize, move or insulate the lines before work starts. [Elimination] 1.10 Use non-conductive (fibreglass) ladders near any power lines. [Substitution] 1.11 Mark the safe distance with flags, tape or goal posts and keep all equipment and people outside it. [Engineering (guarding)] 1.12 Keep to the provincial limits of approach and contact the utility before working near lines. [Administrative] 1.13 Use a dedicated spotter whenever equipment moves or raises anything near lines. [Administrative] 1.14 Treat all lines as live. If equipment touches a line, stay in the cab and keep everyone well away. [Administrative]	**Medium Rare / Fatality**	Site supervisor
2	Install site fencing and signs to keep the public out	Public entering the work area Lifting and carrying heavy loads	**High Possible / Serious injury**	2.1 Fence off the site with secure temporary fencing and lock the gates when you leave. [Engineering (guarding)] 2.2 Give pedestrians a safe, marked path around the work, with ramps for strollers and wheelchairs. [Engineering (guarding)]	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				2.3 Use hoarding, covered walkways or catch fans where work is above public areas. [Engineering] 2.4 Put signs at each entry: site name, contact number and "No unauthorised entry". [Administrative] 2.5 Make the site safe at the end of each day: cover holes, lower buckets and booms, remove ladders and lock tools away. [Administrative] 2.6 Use a spotter when moving equipment or materials across public paths. [Administrative] 2.7 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination] 2.8 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] 2.9 Use trolleys, pallet jacks, hoists, vacuum lifters or equipment instead of carrying by hand. [Engineering] 2.10 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative] 2.11 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative] 2.12 Rotate tasks and take breaks on long lifting jobs. [Administrative] 2.13 Wear gloves for grip and safety boots to protect your feet. [PPE]		
3	Set up toilets, first aid, fire extinguishers and the sign in area	Fire and emergencies Poor housekeeping and waste	**High** **Unlikely / Fatality**	3.1 Provide fire extinguishers suited to the site, checked and easy to reach. [Engineering] 3.2 Keep exits and escape routes clear and signed. [Engineering] 3.3 Have a site emergency plan: alarm, exits, assembly point and emergency contacts. [Administrative] 3.4 Keep a stocked first aid kit and at least one trained first aider on site. [Administrative] 3.5 Know the site address and how emergency services get in. Call 911. [Administrative] 3.6 Go through the emergency plan with every worker and visitor at induction. [Administrative] 3.7 Keep flammable materials and rubbish away from exits and escape routes. [Administrative] 3.8 Order materials to size and send packaging back where you can. [Elimination] 3.9 Put waste bins and chutes close to the work. [Engineering] 3.10 Clean as you go, and do a full clean up at the end of each day. [Administrative] 3.11 Keep exits, stairs and walkways clear at all times. [Administrative] 3.12 Stack materials neatly on level ground, away from edges. [Administrative]	**Medium** **Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				3.13 Wear gloves when handling waste. [PPE]		
4	Arrange temporary power with GFCI protection	Electric shock from cords and power tools Electric shock from live wiring Rules: Provincial OHS regulation, electrical safety, and CSA Z462	**Critical Possible / Fatality**	4.1 Use battery-powered tools where you can. [Substitution] 4.2 Use GFCI protection on all temporary power and portable tools. [Engineering] 4.3 Keep cords off the ground and out of water, using stands or hooks. [Engineering] 4.4 Check cords, plugs and tools before every use. Tag out and remove anything damaged. [Administrative] 4.5 Do not use tools in rain or wet areas unless they are rated for it. [Administrative] 4.6 Wear safety boots and dry gloves. [PPE] 4.7 Isolate the power before any work. Do not work live. [Elimination] 4.8 Lock out and tag the isolation point with your own personal lock and danger tag. [Engineering (guarding)] 4.9 Test before you touch: prove dead at the point of work with a tested voltage tester. [Engineering] 4.10 Only licensed electricians do electrical work, to the Canadian Electrical Code and provincial rules. [Administrative] 4.11 Check for back feeds from solar, batteries and generators that can keep a circuit live after the main switch is off. [Administrative] 4.12 If energized work cannot be avoided, use a permit, a safety observer and insulated tools, following CSA Z462. [Administrative] 4.13 Wear insulated gloves, arc-rated clothing and a face shield when testing or working near live parts. [PPE]	**Medium Rare / Fatality**	Site supervisor
5	Mark delivery routes and parking, away from walkways	Road traffic Being hit by heavy equipment	**Critical Possible / Fatality**	5.1 Do the work at low-traffic times, or close the road or lane with approval. [Elimination] 5.2 Put solid barriers between the work and traffic where speeds are high, not just cones. [Engineering (guarding)] 5.3 Use a truck-mounted attenuator or buffer vehicle on high speed roads. [Engineering] 5.4 Set up signs and cones to your provincial traffic control manual, with trained traffic control persons. [Administrative] 5.5 Get a road occupancy permit from the municipality or road authority before you start. [Administrative] 5.6 Park work vehicles to shield the work zone, with beacons on. [Administrative] 5.7 Wear high-visibility clothing to CSA Z96. [PPE] 5.8 Separate people and equipment with barriers, exclusion zones and marked walkways. [Engineering (guarding)] 5.9 Use equipment with working backup alarms, cameras and lights. [Engineering] 5.10 Have a site traffic plan showing equipment routes, loading areas and pedestrian paths. [Administrative] 5.11 Use a spotter when backing up or working near people.	**Medium Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				[Administrative] 5.12 Make eye contact with the operator before going near. Stay out of the swing radius. [Administrative] 5.13 Operators are trained and competent for each machine. [Administrative] 5.14 Do a pre-start check on each machine every day and record it. [Administrative] 5.15 Wear hi-vis clothing and a hard hat. [PPE]		
6	Run the site induction for every worker	Working alone Fatigue Rules: Provincial OHS regulation, working alone	**High** **Possible / Serious injury**	6.1 Do not do high risk work alone: work at height, confined spaces, live electrical or trenches. [Elimination] 6.2 Set a check-in system: call or text at set times, and someone follows up if there is no reply. [Administrative] 6.3 Tell someone where you are working and when you expect to finish. [Administrative] 6.4 Carry a charged phone. Use a personal alarm or GPS device where there is no signal. [Administrative] 6.5 Follow your province's working alone rules: a named person checks in with the worker at set intervals and at the end of the shift, and acts if there is no reply. In BC the procedure must be written. [Administrative] 6.6 Keep a first aid kit on hand and know the site address for emergency services. [Administrative] 6.7 Plan hours so workers get a proper break between shifts and do not work long stretches without a day off. [Elimination] 6.8 Avoid high risk tasks at the end of long shifts. [Administrative] 6.9 Take regular breaks and rotate tiring tasks. [Administrative] 6.10 Speak up if you or a workmate are too tired to work safely. [Administrative] 6.11 Plan travel so nobody drives a long way home after a long shift. [Administrative]	**Medium** **Unlikely / Serious 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) High-visibility vest (CSA Z96) Hard hat (CSA Z94.1) Work gloves	None required

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Trailer					
Hand tools					
Portable generator					
Skid steer	Provincial operator training				

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		
Tools and equipment inspected		
Permits reviewed and posted		
Locates valid and on site (if digging)		
Barricades or warning ribbon in place		

Check	Yes	No
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

Name	Role / company	Tickets / licences	Signature	Date