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 roof edge protection	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Scaffolding

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Plan the system to suit the roof pitch and gutter height	Falling from a roof edge Rules: Provincial OHS regulation, fall protection	**Critical Likely / Fatality**	1.1 Do what you can from the ground or from a scaffold at the gutter line, for example pre-assemble parts on the ground. [Elimination] 1.2 Install edge protection or guardrails on all open roof edges before work starts. [Engineering (guarding)] 1.3 Falling from a roof edge: see step 2 for the full controls [Administrative]	**Medium Rare / Fatality**	Site supervisor
2	Install from a aerial work platform or scaffold, or harnessed to an anchor	Falling from a roof edge Aerial work platform tip-over or crush Falling from height Rules: Provincial OHS regulation, fall protection; Provincial OHS regulation and CSA B354.7, B354.8	**Critical Likely / Fatality**	2.1 Do what you can from the ground or from a scaffold at the gutter line, for example pre-assemble parts on the ground. [Elimination] 2.2 Install edge protection or guardrails on all open roof edges before work starts. [Engineering (guarding)] 2.3 Use a perimeter scaffold with handrails and toe boards along the eaves where practical. [Engineering] 2.4 Where guardrails cannot be fitted, use fall restraint on certified roof anchors so workers cannot reach the edge. [Engineering] 2.5 Use one safe, controlled access point and keep others off the roof. [Administrative] 2.6 Check the ground before setting up. Use outriggers and spreader pads, and keep clear of trenches, pits and slopes. [Engineering] 2.7 Use a platform with tilt alarm and secondary guarding (anti-entrapment) where there is an overhead crush risk. [Engineering] 2.8 Operators are trained to CSA B354.8 and the manufacturer's instructions, and the platform is inspected to CSA B354.7. [Administrative] 2.9 Do a pre-start check each day. Keep a trained person on the ground who can lower the platform in an emergency. [Administrative] 2.10 Never exceed the safe working load, climb on the rails or use a ladder in the basket. [Administrative] 2.11 In boom-type platforms, wear a harness clipped to the	**Medium Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				basket anchor point. [PPE] 2.12 Do the work from the ground where you can, for example pre-assemble on the ground or use extension poles. [Elimination] 2.13 Install guardrails or edge protection on all open edges before work starts. [Engineering (guarding)] 2.14 Use a scaffold, mobile work platform or aerial work platform instead of working off a ladder. [Engineering] 2.15 Where edge protection is not practical, use a fall restraint or fall arrest system on a rated anchor point. [Engineering] 2.16 Fall protection plan in place where required. Workers trained in fall protection (Working at Heights training in Ontario). [Administrative] 2.17 Have a rescue plan so a worker hanging in a harness can be brought down within minutes. [Administrative]		
3	Fix brackets into sound structure	Structural collapse during alterations Injury from power tools	**High Unlikely / Fatality**	3.1 Get an engineer to check before removing any wall, beam, post or bracing that may be load-bearing. [Elimination] 3.2 Keep everyone clear of the area under and next to the work. [Engineering (guarding)] 3.3 Install temporary props, needles or shoring as designed before removing any support. [Engineering] 3.4 Follow the engineer's sequence. Do not change it without approval. [Administrative] 3.5 Check props daily. Do not remove them until the permanent support is in and approved. [Administrative] 3.6 Wear a hard hat and safety boots. [PPE] 3.7 Keep all guards fitted and working. Never tie back or remove a guard. [Engineering] 3.8 Clamp or secure the work piece. Do not hold it by hand. [Engineering] 3.9 Only trained, competent people use power tools, following the maker's instructions. [Administrative] 3.10 Check tools before use. Unplug or remove the battery before changing blades or bits. [Administrative] 3.11 No loose clothing, jewellery or long hair near spinning parts. [Administrative] 3.12 Wear safety glasses and hearing protection. Do not wear loose gloves on drills or other rotating tools. [PPE]	**Medium Unlikely / Lost time injury**	Site supervisor
4	Fit rails and mesh, keeping tools tethered	Falling tools and materials Lifting and carrying heavy loads	**High Possible / Serious injury**	4.1 Barricade and sign the drop zone under overhead work so nobody walks beneath. [Engineering (guarding)] 4.2 Fit toe boards, kick plates and mesh screens on scaffolds and edges. [Engineering] 4.3 Use catch fans, debris netting or covered walkways where people pass below. [Engineering] 4.4 Tether hand tools when working at height. [Engineering] 4.5 Keep platforms tidy. Do not stack materials near edges or above toe board height. [Administrative]	**Medium Unlikely / Serious injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				4.6 Lower materials with a hoist, chute or rope. Never throw or drop anything down. [Administrative] 4.7 Wear a hard hat anywhere objects could fall. [PPE] 4.8 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination] 4.9 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] 4.10 Use trolleys, pallet jacks, hoists, vacuum lifters or equipment instead of carrying by hand. [Engineering] 4.11 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative] 4.12 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative] 4.13 Rotate tasks and take breaks on long lifting jobs. [Administrative] 4.14 Wear gloves for grip and safety boots to protect your feet. [PPE]		
5	Inspect and hand over before roof work starts	Falling from a roof edge Rules: Provincial OHS regulation, fall protection	**Critical Likely / Fatality**	5.1 Stop roof work in strong wind or rain, and when the roof is wet, icy or covered in dust or frost. [Administrative] 5.2 Wear a harness clipped to a rated anchor when using restraint or fall arrest, and soft-soled non-slip boots. [PPE] 5.3 Falling from a roof edge: see step 2 for the full controls [Administrative]	**Medium Rare / Fatality**	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) Full body harness (fall arrest) Hard hat (CSA Z94.1) Work gloves Sun protection (sunscreen, hat, long sleeves) High-visibility vest (CSA Z96) Safety glasses (CSA Z94.3) Hearing protection	Roof access permit Fall protection plan

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Frame scaffold	Provincial scaffold erector training				
Boom lift	Provincial aerial work platform operator training (CSA B354.8)	Operator pre-use inspection each shift; periodic inspection and maintenance to CSA B354.7 and the manufacturer			
Hand tools					
Power drill					

5. TRAINING REQUIRED FOR THIS WORK

- Aerial work platform operator training to CSA B354.8

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		

Check	Yes	No
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