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	Steel beam installation	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Welding and fabrication

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Prop the structure as the engineer designed	Structural collapse during alterations	**High Unlikely / Fatality**	1.1 Get an engineer to check before removing any wall, beam, post or bracing that may be load-bearing. [Elimination] 1.2 Keep everyone clear of the area under and next to the work. [Engineering (guarding)] 1.3 Install temporary props, needles or shoring as designed before removing any support. [Engineering] 1.4 Follow the engineer's sequence. Do not change it without approval. [Administrative] 1.5 Check props daily. Do not remove them until the permanent support is in and approved. [Administrative] 1.6 Wear a hard hat and safety boots. [PPE]	**Medium Rare / Fatality**	Site supervisor
2	Lift the beam with plant, never by hand above head height	Crane and lifting failure Lifting and carrying heavy loads Rules: Provincial OHS regulation, cranes and hoisting	**High Likely / Lost time injury**	2.1 Barricade the lift zone and keep everyone out from under the load. [Engineering (guarding)] 2.2 Use a crane rated for the load at the radius, set up on firm ground with outrigger pads. [Engineering] 2.3 Check slings, chains, shackles and hooks before use. Remove anything damaged or not tagged. [Engineering] 2.4 Plan the lift: weight, radius, ground, path and landing area. Use a written lift plan for complex lifts. [Administrative] 2.5 Use certified crane operators and trained riggers and signallers, as your province requires. [Administrative] 2.6 Use tag lines to control loads and agree on clear radio or hand signals. [Administrative] 2.7 Stop lifting in high wind or when the operator cannot see the signaller. [Administrative] 2.8 Never ride on a load or hook. [Administrative] 2.9 Wear a hard hat, hi-vis, gloves and safety boots. [PPE] 2.10 Plan to avoid carrying: have materials delivered, and old items picked up, as close as possible to where they are used. [Elimination] 2.11 Use lighter or smaller loads: order smaller bags and shorter lengths, and drain or break down old items before moving them. [Substitution] 2.12 Use trolleys, pallet jacks, hoists, vacuum lifters or	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				equipment instead of carrying by hand. [Engineering] 2.13 Use a two-person lift for anything heavy, long or awkward. Plan the route first and clear it. [Administrative] 2.14 Keep the load close, back straight and no twisting. Turn with your feet. [Administrative] 2.15 Rotate tasks and take breaks on long lifting jobs. [Administrative] 2.16 Wear gloves for grip and safety boots to protect your feet. [PPE]		
3	Guide with tag lines, never under the load	Falling tools and materials	**High Possible / Serious injury**	3.1 Barricade and sign the drop zone under overhead work so nobody walks beneath. [Engineering (guarding)] 3.2 Fit toe boards, kick plates and mesh screens on scaffolds and edges. [Engineering] 3.3 Use catch fans, debris netting or covered walkways where people pass below. [Engineering] 3.4 Tether hand tools when working at height. [Engineering] 3.5 Keep platforms tidy. Do not stack materials near edges or above toe board height. [Administrative] 3.6 Lower materials with a hoist, chute or rope. Never throw or drop anything down. [Administrative] 3.7 Wear a hard hat anywhere objects could fall. [PPE]	**Medium Unlikely / Serious injury**	Site supervisor
4	Seat and fix the beam on padstones or brackets	Structural collapse during alterations Falling from a ladder	**High Possible / Serious injury**	4.1 Structural collapse during alterations: see step 1 for the full controls [Administrative] 4.2 Use a platform ladder, mobile scaffold or aerial work platform for longer jobs instead of a straight ladder. [Substitution] 4.3 Use CSA Grade 1, 1A or 1AA ladders in good condition. Remove any damaged ladder from site. [Engineering] 4.4 Set extension ladders at a 4 to 1 angle on firm, level ground, tied or footed, and reaching 1 metre above the landing. [Engineering] 4.5 Use ladders only for short, light work. Do not carry heavy or awkward loads up a ladder. [Administrative] 4.6 Keep three points of contact and your belt buckle between the side rails. Do not overreach. [Administrative] 4.7 Do not stand on the top three rungs of an extension ladder or the top step of a stepladder. [Administrative] 4.8 Check the ladder before each use: feet, rungs, side rails and locks. [Administrative] 4.9 Wear non-slip safety boots with clean soles. [PPE]	**Medium Unlikely / Serious injury**	Site supervisor
5	Remove props once approved and clean up	Poor housekeeping and waste	**Medium Likely / Minor injury**	5.1 Order materials to size and send packaging back where you can. [Elimination] 5.2 Put waste bins and chutes close to the work. [Engineering] 5.3 Clean as you go, and do a full clean up at the end of each day. [Administrative] 5.4 Keep exits, stairs and walkways clear at all times.	**Low Unlikely / Minor injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				[Administrative] 5.5 Stack materials neatly on level ground, away from edges. [Administrative] 5.6 Wear gloves when handling waste. [PPE]		

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) Hard hat (CSA Z94.1) Work gloves Safety glasses (CSA Z94.3) High-visibility vest (CSA Z96)	Lift plan

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Mobile crane	Provincial crane operator certification, qualified rigger	Pre-use check each shift; inspected, tested and maintained to CSA Z150 as adopted by your province			
Telehandler	Provincial lift truck or telehandler operator training				
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		
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

Name	Role / company	Tickets / licences	Signature	Date