FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 18:04
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Airless spray painting	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Painting

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Mask off and ventilate the area, and remove ignition sources	Flammable liquids and gases Fire and emergencies	**High Unlikely / Fatality**	1.1 Use non-flammable or water-based products where you can. [Substitution] 1.2 Keep ignition sources away: no smoking, no hot work and no running engines near flammables. [Engineering (guarding)] 1.3 Store fuels and solvents in approved, closed containers in a ventilated area away from the work. [Engineering] 1.4 Refuel equipment outdoors with the engine off and cool. [Administrative] 1.5 Keep only what you need for the day on site. [Administrative] 1.6 Store gas cylinders upright, secured and outdoors. [Administrative] 1.7 Keep a suitable fire extinguisher where flammables are used or stored. [Administrative] 1.8 Wear chemical gloves and safety glasses when pouring or mixing. [PPE] 1.9 Provide fire extinguishers suited to the site, checked and easy to reach. [Engineering] 1.10 Keep exits and escape routes clear and signed. [Engineering] 1.11 Have a site emergency plan: alarm, exits, assembly point and emergency contacts. [Administrative] 1.12 Keep a stocked first aid kit and at least one trained first aider on site. [Administrative] 1.13 Know the site address and how emergency services get in. Call 911. [Administrative] 1.14 Go through the emergency plan with every worker and visitor at induction. [Administrative] 1.15 Keep flammable materials and rubbish away from exits and escape routes. [Administrative]	**Medium Rare / Fatality**	Site supervisor
2	Check hoses and tip guard, and lock the trigger when not spraying	Stored energy Hazardous chemicals	**Medium Possible / Lost time injury**	2.1 Release or block all stored energy before work: release the pressure in pipes, tanks and hoses, bleed hydraulics, release springs, lower loads. [Elimination]	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
		Rules: WHMIS 2015 and provincial OHS regulation		2.2 Lock out and tag all energy sources with personal locks. [Engineering (guarding)] 2.3 Stored energy: see step 5 for the full controls [Administrative] 2.4 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 2.5 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 2.6 Hazardous chemicals: see step 4 for the full controls [Administrative]		
3	Never point the gun at anyone or put a hand near the tip	Stored energy Cuts from sharp edges	**Medium Unlikely / Serious injury**	3.1 Put mechanical blocks or props under raised parts like buckets, tipper bodies and doors. [Engineering] 3.2 Test that the system is dead and nothing can move before you start. [Administrative] 3.3 Stored energy: see step 5 for the full controls [Administrative] 3.4 Deburr or cover sharp edges, and fit edge protectors on exposed sheet metal. [Engineering] 3.5 Use knives with retractable or self-retracting blades. [Engineering] 3.6 Cut away from your body and keep your other hand clear. [Administrative] 3.7 Put used blades in a blade bin or sharps container. [Administrative] 3.8 Use two people to handle large sheets of metal or glass. [Administrative] 3.9 Wear cut-resistant gloves and long sleeves. [PPE]	**Low Rare / Serious injury**	Site supervisor
4	Spray with a respirator and goggles, keeping others out	Hazardous chemicals Eye injuries Rules: WHMIS 2015 and provincial OHS regulation	**Medium Possible / Lost time injury**	4.1 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 4.2 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 4.3 Read the Safety Data Sheet (SDS) and WHMIS labels before use. Workers have WHMIS training. [Administrative] 4.4 Keep chemicals in labelled containers. Never decant into drink bottles. [Administrative] 4.5 Store chemicals away from heat, food and drink, and keep products that react with each other apart. [Administrative] 4.6 Have eye wash and a spill kit nearby, and wash hands before eating. [Administrative] 4.7 Wear chemical-resistant gloves and safety glasses or goggles as listed on the SDS. [PPE] 4.8 Use a respirator with the right cartridge if the SDS calls for one. [PPE] 4.9 Use tool guards and screens to stop flying particles. [Engineering] 4.10 Use dust extraction and water to keep dust out of the air. [Engineering]	**Medium Unlikely / Lost time injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				4.11 Keep others out of the area when cutting, grinding or chipping. [Administrative] 4.12 Keep an eye wash station or eye wash bottles on site. [Administrative] 4.13 Wear safety glasses at all times, goggles for dust and chemicals, and a face shield for grinding. [PPE]		
5	Release pressure before cleaning or changing tips	Stored energy	**Medium Unlikely / Serious injury**	5.1 Release or block all stored energy before work: release the pressure in pipes, tanks and hoses, bleed hydraulics, release springs, lower loads. [Elimination] 5.2 Lock out and tag all energy sources with personal locks. [Engineering (guarding)] 5.3 Put mechanical blocks or props under raised parts like buckets, tipper bodies and doors. [Engineering] 5.4 Test that the system is dead and nothing can move before you start. [Administrative] 5.5 Follow the maker's procedure, for example for garage door and roller door springs. [Administrative] 5.6 Wear safety glasses and gloves. [PPE]	**Low Rare / Serious injury**	Site supervisor
6	Clean the pump and dispose of solvent waste properly	Flammable liquids and gases Poor housekeeping and waste	**High Unlikely / Fatality**	6.1 Flammable liquids and gases: see step 1 for the full controls [Administrative] 6.2 Order materials to size and send packaging back where you can. [Elimination] 6.3 Put waste bins and chutes close to the work. [Engineering] 6.4 Clean as you go, and do a full clean up at the end of each day. [Administrative] 6.5 Keep exits, stairs and walkways clear at all times. [Administrative] 6.6 Stack materials neatly on level ground, away from edges. [Administrative] 6.7 Wear gloves when handling waste. [PPE]	**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
Respirator fit tested to CSA Z94.4 (P100 for dust, or the type the air test calls for) Safety goggles Coveralls Chemical-resistant gloves CSA green triangle safety boots (CSA Z195) Safety glasses (CSA Z94.3) Work gloves Cut-resistant gloves	Lockout permit

Required PPE	Permits and plans
Face shield	

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Airless paint sprayer					
Air compressor					
Rolling scaffold	Provincial scaffold training				
Scissor 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			

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

Rev	Date	By	What changed

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