JOB HAZARD ANALYSIS (JHA)

Business name

Document: JHA-001 Rev 1
Prepared: Nov 9, 2026
Review by: Dec 9, 2026
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Brick cleaning and acid washing	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	Bricklaying

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Read the safety data sheet and set up an eyewash	Hazardous chemicals Rules: 29 CFR 1926.59 Hazard Communication	**Medium Possible / Recordable / lost time**	1.1 Choose the least harmful product that does the job, for example water-based instead of solvent-based. [Substitution] 1.2 Use chemicals in well-ventilated areas, or use fans and extraction in closed rooms. [Engineering] 1.3 Read the Safety Data Sheet (SDS) and labels before use, following OSHA Hazard Communication. [Administrative] 1.4 Keep chemicals in labeled containers. Never pour them into drink bottles. [Administrative] 1.5 Store chemicals away from heat, food and drink, and keep products that react with each other apart. [Administrative] 1.6 Have eye wash and a spill kit nearby, and wash hands before eating. [Administrative] 1.7 Wear chemical-resistant gloves and safety glasses or goggles as listed on the SDS. [PPE] 1.8 Use a respirator with the right cartridge if the SDS calls for one. [PPE]	**Medium Unlikely / Recordable / lost time**	Site supervisor
2	Protect windows, plants and drains	Hazardous chemicals Public entering the work area Rules: 29 CFR 1926.59 Hazard Communication	**High Possible / Serious injury**	2.1 Hazardous chemicals: see step 1 for the full controls [Administrative] 2.2 Fence off the site with secure temporary fencing and lock the gates when you leave. [Engineering (guarding)] 2.3 Give pedestrians a safe, marked path around the work, with ramps for strollers and wheelchairs. [Engineering (guarding)] 2.4 Use hoarding, covered walkways or catch fans where work is above public areas. [Engineering] 2.5 Put signs at each entry: site name, contact number and "No unauthorized entry". [Administrative] 2.6 Make the site safe at the end of each day: cover holes, lower plant, remove ladders and lock tools away. [Administrative] 2.7 Use a spotter when moving plant or materials across public paths. [Administrative]	**Medium Unlikely / Recordable / lost time**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
3	Always add acid to water, never water to acid	Hazardous chemicals Eye injuries Rules: 29 CFR 1926.59 Hazard Communication	**Medium Possible / Recordable / lost time**	3.1 Hazardous chemicals: see step 1 for the full controls [Administrative] 3.2 Use tool guards and screens to stop flying particles. [Engineering] 3.3 Use dust extraction and water to keep dust out of the air. [Engineering] 3.4 Keep others out of the area when cutting, grinding or chipping. [Administrative] 3.5 Keep an eye wash station or eye wash bottles on site. [Administrative] 3.6 Wear safety glasses at all times, goggles for dust and chemicals, and a face shield for grinding. [PPE]	**Medium Unlikely / Recordable / lost time**	Site supervisor
4	Apply and wash off from the bottom up	High pressure water jetting Slips and trips	**Medium Unlikely / Serious injury**	4.1 Set an exclusion zone around the jetting area. [Engineering (guarding)] 4.2 Use a dead man's trigger that stops the jet when released, and check hoses and fittings before use. [Engineering] 4.3 Only trained operators use high pressure jetting gear. [Administrative] 4.4 Never point the lance at anyone or put a hand in front of it. [Administrative] 4.5 Treat any jetting injury as serious and go to hospital, even if it looks small. [Administrative] 4.6 Wear a face shield, waterproof clothing, gloves, hearing protection and safety boots. [PPE] 4.7 Plan walkways and keep them clear of materials, hoses and leads. [Elimination] 4.8 Run cords and hoses overhead on hooks or stands, or along walls, not across walkways. [Engineering] 4.9 Fill or cover holes, and lay boards or mats on muddy access paths. [Engineering] 4.10 Clean up offcuts, packaging and spills as you go, not at the end of the day. [Administrative] 4.11 Keep work areas, stairs and access paths well lit. [Administrative] 4.12 Wear safety boots with good grip, laced up. [PPE]	**Low Rare / Serious injury**	Site supervisor
5	Neutralise and dispose of runoff, then 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 dumpsters and waste 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. [Administrative] 5.5 Stack materials neatly on level ground, away from edges. [Administrative] 5.6 Wear gloves when handling waste. [PPE]	**Low 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
Safety goggles (ANSI Z87.1) Face shield (ANSI Z87.1) Chemical-resistant gloves Coveralls Safety-toe boots (ASTM F2413) Half-face respirator (P100 cartridges) High-visibility safety apparel, ANSI/ISEA 107 Class 2 or 3 (Type R near roadways) Safety glasses (ANSI Z87.1) Work gloves Hearing protection (earmuffs or plugs)	None required

4. PLANT AND EQUIPMENT

Plant / equipment	License or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Pressure washer					
Backpack sprayer	State pesticide applicator license for commercial herbicide work				
Mobile (rolling) scaffold	Erected under a competent person (29 CFR 1926.451)	Inspected by a competent person for visible defects before each work shift and after any occurrence that could affect its integrity (29 CFR 1926.451(f)(3))			

5. TRAINING REQUIRED FOR THIS WORK

- Hazard communication training on the written program, labels and SDS (29 CFR 1910.1200(h), via 1926.59); respirator fit test and medical evaluation if a respirator is used (29 CFR 1910.134)

6. CREW TRAINING AND CERTIFICATIONS

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 a fatality to OSHA within 8 hours, and an in-patient hospitalization, amputation or eye loss		

	within 24 hours.		

8. MONITORING, REVIEW AND LEGAL BASIS

A competent person inspects the job site, materials and equipment before work each day and as conditions change (29 CFR 1926.20(b)(2)). Any time this JHA is revised, the affected crew is re-briefed and signs again.

Legal basis: OSH Act Section 5(a)(1) and 29 CFR 1926, Safety and Health Regulations for Construction (incl. 1926.20 and 1926.21). OSHA requires employers to find and fix hazards and to train workers on them. A JHA breaks the job into steps, lists the hazards in each step and the controls that protect the crew. General contractors often require one before you start.

Keep this JHA on site during the job, and keep it with the training and inspection records for at least 1 year after the job (longer if your state plan or general contractor requires it). OSHA does not set a retention period for JHAs themselves.

9. REVISION HISTORY

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

10. SIGN-OFF

	Name	Signature	Date	
Prepared by				
Supervisor				
General contractor review				Accepted for use: Yes / No

By signing below, each crew member confirms they were trained on the hazards and controls in this JHA before work started, and will follow it. Stop work and tell the supervisor if conditions change.

Name	Role / company	Tickets / licences	Signature	Date

Name	Role / company	Tickets / licences	Signature	Date