

Risk Assessment & Method Statement

Plumber Example RAMS – Commercial plantroom pipework alteration

Version: 1

PUBLISHED

Trade: Plumber

Review Date: 31/07/2026

Basic Information

Organization: RAMS Builder Example

Client: Example Plumber Client

Site: Plumber Example Project - London SW1A 1AA

Scope of Work

Example RAMS covering Commercial plantroom pipework alteration with hazards, permits, COSHH controls, emergency planning, and sign-off ready for project review.

Persons at Risk

Operatives, supervisors, visitors, neighbouring trades, and members of the public near the work area.

Hazards & Risk Assessment

5 hazards identified

Scalds / hot water

Example control set for plumber works on Commercial plantroom pipework alteration.

Pre-Control: 14 (Medium Risk)

Post-Control: 5 (Low Risk)

Control Measures:

- Allow system to cool
- Protective gloves
- TMV where required

Legionella awareness

Example control set for plumber works on Commercial plantroom pipework alteration.

Pre-Control: 13 (Medium Risk)

Post-Control: 4 (Low Risk)

Control Measures:

- Flush stagnant systems
- Temperature checks
- Follow HSG274

Hot works (soldering)

Example control set for plumber works on Commercial plantroom pipework alteration.

Pre-Control: 12 (Medium Risk)

Post-Control: 3 (Low Risk)

Control Measures:

- Fire blanket behind joint
- Extinguisher available
- Hot works permit

Slips and trips (wet surfaces)

Example control set for plumber works on Commercial plantroom pipework alteration.

Pre-Control: 11 (Medium Risk)

Post-Control: 3 (Low Risk)

Control Measures:

- Non-slip mats deployed
- Wet floor signs
- Regular housekeeping

Manual handling (sanitary ware)

Example control set for plumber works on Commercial plantroom pipework alteration.

Pre-Control: 10 (Medium Risk)

Post-Control: 3 (Low Risk)

Control Measures:

- Two-person lift
- Mechanical aids
- Clear route before lift

Method of Work

6 steps outlined

1

Isolate water supply

Related hazards: Scalds / hot water

2

Protect surrounding area

Related hazards: Legionella awareness

3

Remove / fit pipework

Related hazards: Hot works (soldering)

4

Pressure test connections

Related hazards: Slips and trips (wet surfaces)

5

Reinstate and clean up

Related hazards: Manual handling (sanitary ware)

6

Handover to client

Related hazards: Manual handling (sanitary ware)

Personal Protective Equipment & Permits

PPE Required

Hard hat

Gloves

Safety glasses/goggles

Steel toe-capped boots

Permits Required

Hot works permit

Water isolation permit

COSHH Assessments

Control of Substances Hazardous to Health

Pipe jointing compound

Use: Sealing threaded pipework during plantroom alterations.

Exposure: Skin contact, eye contact

Controls:

- Use nitrile gloves
- Avoid splashes
- Wash hands before breaks

SDS: <https://rams-builder.app/sds/examples/plumber-jointing-compound.pdf>

Emergency Procedures

First Aid

Stop work, make the area safe, and summon the appointed first aider. Escalate any serious injury through the site emergency procedure and record the incident before work restarts.

Fire Emergency

Raise the alarm, stop the task, isolate energy sources where safe to do so, and move to the agreed assembly point. Only trained operatives should attempt first-aid firefighting.

Spill Response

Stop the source if safe, isolate the area, use the spill kit or absorbent materials listed in the COSHH controls, and dispose of contaminated waste in line with the SDS.

Nearest Accident & Emergency

Nearest A&E to be confirmed during site induction and briefed to all operatives before works start.

Signatures & Approvals

This document has been reviewed and approved by:

Example Site Supervisor

Plumber Supervisor

15/01/2026, 09:30:00

This Risk Assessment & Method Statement must be reviewed before work commences.
All operatives must be briefed on the hazards and control measures outlined in this document.