

SITE WATER TESTING OF FACADES AND WINDOWS

ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

CWCT hose test · observer inside · water kept off electrics · no stagnant water sprayed

KD-RA-CL-003 Rev A0

Statutory basis: Work at Height Regulations 2005; site water tests carried out to the CWCT Standard test methods for building envelopes (2005); Electricity at Work Regulations 1989 for electrical systems in the wetted zone; COSHH 2002 for legionella risk from water sprayed out of hoses and stored supplies, with HSE ACOP L8 (4th edition, 2013) as its code of practice; CDM 2015 regs 13 and 15. This document is the recorded safe system of work required by HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5.

1 DOCUMENT AND PROJECT IDENTIFICATION

RAMS REFERENCE	PROJECT / SITE REF	SITE NAME AND ADDRESS	DATE PREPARED	NEXT REVIEW DATE
CLIENT / PRINCIPAL CONTRACTOR	PLANNED START	DURATION	OPERATIVES	SUPERVISING THE WORK

2 SCOPE OF WORKS

Carrying out site water tests on installed cladding, curtain walling and window-to-facade interfaces — the CWCT hose test and similar site spray tests — from facade access with an observer inside, including the water supply and hoses, electrical safety inside the building, slips, communication, protection of people below, and clearing up.

This document does not cover: installing the windows and facade being tested (KD-RAMS-GL-006, KD-RAMS-CL-001, KD-RAMS-CL-002), remedial sealing found necessary (KD-RAMS-RN-004), and the pass criteria, which the specification sets.

SITE-SPECIFIC SCOPE, LOCATIONS AND LIMITATIONS

3 RISK ASSESSMENT — SCORE EACH RISK FOR THIS SITE, THEN ADD WHAT IS MISSING

The hazards and controls below are the starting point for this activity, written by a working main contractor. They are not complete for your site until a competent person has scored each risk, added the site-specific hazards, and struck out anything that does not apply. Rate risks High / Medium / Low before and after controls.

1. Falls from facade access — mast climbers, MEWPs, scaffold

At risk: Installers

Controls: Access per the facade access plan: mast climbers and MEWPs by trained operators; harnesses where the platform requires; no climbing on rails or brackets; gates closed; SWL of platforms respected with panel weights counted.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

2. Water reaching live electrical installations and site electrics inside

At risk: Observers, other trades

Controls: Each test area walked inside before testing: sockets, boards, lighting and temporary site electrics near the tested joints identified; exposed or unfinished electrics in the wetted zone isolated by a competent electrician or protected before water starts; testing stops at once if water appears near electrics.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

3. Stagnant water in hoses, bowsters or tanks sprayed as fine droplets — legionella

At risk: Testers, observers, passers-by

Controls: Water taken direct from the mains supply wherever available; hoses drained after use and flushed before the next test; no water from tanks or bowsters that have stood warm or stagnant unless the site's water hygiene arrangements under COSHH 2002 and ACOP L8 have cleared them.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

4. Charged hose and nozzle — whip, eye injury, weight and snagging on the platform

At risk: Testers

Controls: Hose fittings checked tight before the water is turned on; nozzle and pressure as the test method specifies; eye protection for the nozzle operator; the weight of a charged hose counted in the platform load; hose run kept clear of guardrails, gates and the facade so it cannot snag as the platform moves; never left pressurised and unattended.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

5. Wet floors inside and water on access platforms

At risk: Observers, other trades

Controls: Absorbent mats and wet-floor signs at inside test positions; water collected before others walk the area; access platforms kept free of standing water; no testing in freezing conditions, so nothing ices.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

6. Tester and observer cannot communicate — water keeps running over a leak or near a person

At risk: Testers, observers

Controls: Radios or phones checked before starting; the observer calls stop and the tester shuts off at once; the test sequence and joint numbering agreed on a marked-up elevation.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

7. Spray and run-off onto people, vehicles and property below

At risk: The public, other trades

Controls: Exclusion below the test area; no testing in wind that carries spray beyond it; run-off directed to drainage the site has agreed; openings below and alongside closed.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

8. Lone working during early, late or isolated tasks

At risk: Operatives

Controls: No lone working on higher-risk operations; where low-risk lone work is agreed, a check-in arrangement is in place and the person knows the site emergency arrangements.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

Site-specific hazards not listed above — every site has at least one:

HAZARD	WHO IS AT RISK	CONTROLS	INITIAL H/...	RESIDUAL...	ACTION OWNER	BY WHEN

4 METHOD — SEQUENCE OF WORK

- 1 Agree test locations, sequence and method with the principal contractor; mark the joints on the elevation.
- 2 Walk the inside of each test area: identify electrics, arrange isolation or protection of anything in the wetted zone, and lay mats and protection.
- 3 Check facade access, set the exclusion zone below and confirm the wind will not carry spray beyond it.
- 4 Connect to the mains supply; flush the hose before testing; check fittings and nozzle; route the hose clear of snag points.
- 5 Check radios between tester and observer and agree the stop call.
- 6 Test each joint in the sequence the test method sets, normally from the lowest joint upwards, with the observer watching the inside face.
- 7 On a leak or water near electrics, stop, record the position and let the area drain before continuing.
- 8 Record results against each joint with photographs.
- 9 Drain the hose, collect water inside, remove mats and leave the area dry; tell the electrician where isolations can be restored.
- 10 Report leaks for remedial work and retest once the remedial seal has cured.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- | | |
|------------------------------------|---|
| Hose and nozzle to the test method | Absorbent mats, wet-floor signs and protection sheeting |
| Mains water connection | Facade access per the access plan |
| Radios | Marked-up elevation and camera |

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

6 PPE — THE LAST LINE OF CONTROL, NOT THE FIRST

- | | | |
|-----------------|---------------------|--|
| Head protection | Gloves — task-rated | Eye protection for the nozzle operator |
| Safety footwear | Eye protection | Waterproof clothing |
| High visibility | Hearing protection | |

RPE TYPE, FACE-FIT STATUS, AND ANY OTHER PPE REQUIRED

7 PERMITS REQUIRED BEFORE THIS WORK STARTS

A permit authorises this work in that place, on that day. It extends the safe system of work in this document — it does not replace it (HSE HSG250). The site issues the permit; record its number before work starts.

KD-PTW-WH-006 — Work at Height Permit

For the facade access.

PERMIT NUMBER

KD-PTW-EI-011 — Electrical Isolation Certificate

Where electrics in the wetted zone are isolated for the test.

PERMIT NUMBER

8 EMERGENCY ARRANGEMENTS — COMPLETE FOR THIS SITE

FIRST AIDER AND LOCATION	NEAREST A&E	ASSEMBLY POINT
HOW THE ALARM IS RAISED	EMERGENCY ACCESS FOR THIS WORK AREA	SPILL / ENVIRONMENTAL RESPONSE

9 BRIEFING RECORD — EVERYONE WORKING UNDER THIS RAMS SIGNS BEFORE STARTING

By signing you confirm the contents of this RAMS have been explained to you, you understand the hazards and controls, and you will work to the sequence stated. Tell the supervisor if the work or the site does not match this document — work stops until it does.

NAME	COMPANY	SIGNATURE	DATE

10 PREPARED AND ACCEPTED

Prepared / adapted for this site by — I confirm I have adapted this document to the site, scored the risks, and that it describes how the work will actually be done.

PRINTED NAME	ROLE / COMPETENCE	COMPANY	SIGNATURE	DATE	TIME

Accepted for the site by — principal contractor or site manager review.

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Review this RAMS if the work, the site or the law changes, and at least before each new phase of the works. Flatten the completed PDF before filing so the record cannot be silently edited.

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-09-11	first-issue	First issue.	— not yet approved —
A0	2026-09-11	review	Approved for issue by the author. Content unchanged from the reviewed draft; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft; not approved and not for sale; A = approved for issue by the person named, on the date shown.