

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5 — this document is the recorded safe system of work. COSHH 2002 applies twice: to the disinfectant chemicals handled, and to Legionella bacteria as a biological agent — ACOP L8 (4th edition, 2013) and HSG274 Part 2 set the control regime for hot and cold water systems, including flushing, disinfection and the written scheme before a system is put into use. In healthcare premises HTM 04-01 (2016) adds the Water Safety Group, the sampling regime and the Authorised Person (Water). Prepared against legislation current at 10/08/2026.

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 the control tasks a written scheme requires: weekly flushing of little-used outlets, temperature monitoring, thermostatic mixing valve servicing, cleaning and disinfection of cold water storage tanks, and the records.

This document does not cover: the risk assessment and written scheme themselves — those are the duty holder's, prepared by a competent assessor.

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. Aerosol from stagnant or warm water — Legionella

At risk: Operatives flushing outlets, occupants

Controls: Flush with the outlet dismantled or the aerosol contained where practicable; RPE (FFP3) for operatives where aerosol cannot be avoided; occupants excluded during flushing of long-stagnant systems.

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

2. Chlorine-based disinfectant — skin, eye and respiratory irritant; chlorine gas if mixed with acid

At risk: Operatives, occupants

Controls: Dose to the method statement concentration only; chemical-resistant gloves, goggles and apron; eyewash to hand; never mixed with other chemicals; ventilation; residual neutralised before discharge to drain per the water company's consent.

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

3. Scalding from hot-water outlets and calorifier drains

At risk: Operatives

Controls: Thermostatic mixing valves noted; drain-downs to a controlled point; gloves and face protection at hot outlets; temperature checked before contact.

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

4. Work at height from steps, podiums and towers for high-level pipework, tanks and ceilings

At risk: Operatives

Controls: Podium or tower for anything above step height; steps only for short, low-risk tasks with three points of contact; no work from ladders on pipework or tanks.

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

5. Manual handling of chemical drums, pumps and tank-cleaning equipment in plant rooms and roof spaces

At risk: Operatives

Controls: Drums on a sack truck; pumps carried by two; nothing lifted into a roof space by hand up a ladder — hoisted or split; access equipment for tank lids.

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

6. Tank cleaning in a roof space or plant room — confined space, falls into the tank, heat

At risk: Operatives

Controls: Assess the tank room and the tank against the Confined Spaces Regulations; entry under permit where it qualifies; tank drained before entry; access equipment for the tank lid; second person present.

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 HI...	RESIDUAL...	ACTION OWNER	BY WHEN

4 METHOD — SEQUENCE OF WORK

- 01 Receive the written scheme and the schedule of tasks; confirm access and isolations.
- 02 Flush little-used outlets for the specified time with aerosol minimised; record temperatures at sentinel outlets.
- 03 Service TMVs to the manufacturer's method: isolate, strip, clean, disinfect, reassemble, fail-safe test, record.
- 04 Tank clean: drain, remove sediment, clean, disinfect, rinse, refill, sample; record before and after photographs.
- 05 Return all records to the responsible person; deviations flagged the same day.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- Thermometer and test kit
- Tank cleaning equipment and pump

Access equipment for tank rooms

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

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

- Head protection
- Safety footwear
- High visibility
- Gloves — task-rated
- Eye protection
- Hearing protection
- FFP3 for tank cleaning and flushing of stagnant systems

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-CS-004 — Confined Space Entry Permit
Where a tank or tank room qualifies.

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

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	2026-08-28	first-issue	First issue.	— not yet approved —
A0	2026-08-29	review	Approved for issue by the author. Content unchanged from the 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.