

COSHH 2002 reg 6: exposure is assessed BEFORE the work starts; reg 7: it is prevented, or adequately controlled, working down the hierarchy — eliminate, substitute, engineer, then RPE last. This assessment covers the substance family below; it is completed against the actual products (their safety data sheets alongside) and the actual task, and briefed to the people exposed. The current workplace exposure limit, where one applies, comes from EH40 and the SDS on the day — write it in below.

1 ASSESSMENT DETAILS

SITE / PROJECT

TASK ASSESSED

PRODUCTS IN USE (SDS TO HAND)

ASSESSED BY

DATE

2 THE SUBSTANCE — WHAT IT IS AND WHAT IT DOES

WHERE IT IS MET: Site welfare water supplies and temporary distribution, dormant systems in refurbished buildings being brought back on, commissioning and flushing of new hot and cold water systems, and pressure-washing and dust suppression with stored water. The exposure is inhaling a mist or aerosol of contaminated water.

THE HARM: Legionnaires' disease is a severe pneumonia that can kill; it is caught by breathing in water droplets carrying the bacteria, which grow in stagnant water between about 20 and 45 degrees. Older people and smokers are at higher risk. It is not known to spread from person to person — the hazard is in the system and the aerosol.

3 EXPOSURE — ROUTES, PEOPLE, LIMIT

☐ Inhalation — dust, fume, vapour or mist☐ Ingestion — hand to mouth☐ Skin and eye contact☐ Others affected — adjacent trades, occupiers, public

WHO IS EXPOSED, HOW LONG, HOW OFTEN

WEL / LIMIT (FROM EH40 AND THE SDS TODAY)

4 CONTROLS — IN THE REG 7 HIERARCHY, ALL IN PLACE BEFORE WORK STARTS

- ☐ A written scheme for every water system the assessment shows a foreseeable risk in — on a site that is welfare, temporary supplies and the building's own systems during the work — with a named responsible person
- ☐ Stagnation avoided: dead legs removed, little-used outlets flushed weekly, temporary tanks covered and turned over; hot stored hot, cold kept cold
- ☐ Dormant systems in refurbishments disinfected and flushed before use — never simply turned back on
- ☐ Aerosol-generating tasks (pressure washing, dust suppression with stored water, flushing) with the RPE the assessment requires where the water's history is unknown
- ☐ Monitoring and records kept as the written scheme sets out; a positive result actioned, not filed

SITE-SPECIFIC CONTROLS FOR THIS TASK

RPE WORN (TYPE, AND FACE-FIT WHERE TIGHT-FITTING)

OTHER PPE FOR THIS SUBSTANCE

5 HEALTH SURVEILLANCE, HYGIENE AND FIRST AID

None routinely; any pneumonia in a worker after aerosol exposure is reported so the source can be found.

6 STORAGE, SPILLAGE AND DISPOSAL

Temporary water stored covered, cool and turned over; hoses drained and not left in the sun; disinfection chemicals to their own SDS.

WHERE IT IS STORED ON THIS SITE

SPILL RESPONSE AT THE WORK

7 SIGN-OFF AND BRIEFING

The assessment is complete when the people exposed have been briefed on it. Reassess when the product, task, quantity or location changes — not on an anniversary.

ASSESSOR — PRINTED NAME

SIGNATURE

DATE

WORKFORCE BRIEFED (DATE / RECORD REF)

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	2026-09-01	first-issue	First issue.	— not yet approved —
A0	2026-09-01	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.