

Statutory basis: COSHH 2002 regs 6, 7, 9, 11 and 12 with HSE ACOP L5 (6th edition, 2013) — RPE is the last line of control, relied on only after substitution, enclosure and ventilation have been applied; workplace exposure limits in EH40/2005 Workplace exposure limits (4th edition, 2020). RPE selection, face-fit testing, maintenance and records follow HSE HSG53 (4th edition, 2013) and HSE INDG479 (2019). CDM 2015 reg 15 (and reg 13 where a principal contractor is appointed). 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

The respiratory protection regime for sprayers and anyone else inside a spray zone: selecting RPE from the COSHH assessment, face-fit testing, pre-use checks, air-fed supplies, putting on, wearing and removing RPE, filter change, cleaning, examination and storage, and the health surveillance that shows whether the controls are working.

This document does not cover: setting up and operating the spray equipment and the spray zone itself (KD-RAMS-PD-003), external facade spraying (KD-RAMS-CL-004), and dust RPE for preparation work (KD-RAMS-PD-001 and KD-RAMS-PD-002).

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. Solvent vapour passing straight through particulate-only RPE

At risk: Sprayers

Controls: Spray mist carries both droplets and solvent vapour. A particulate filter or FFP3 disposable mask stops droplets but not vapour, so for solvent-borne products the COSHH assessment selects combined gas-and-vapour and particulate filters, or air-fed RPE, matched to the solvents on the safety data sheet. The RPE type is written on the assessment and checked at the start of the shift — whatever is in the van is not a selection.

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

2. RPE that does not seal to the face

At risk: Sprayers

Controls: Every tight-fitting facepiece is face-fit tested on the wearer, for that make, model and size, by a competent fit tester, with the record on site. Wearers are clean-shaven where the seal sits — stubble breaks the seal. The test is repeated when the model changes or the wearer's face changes, such as weight change or dental work. A seal check is done every time the facepiece is put on.

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

3. Isocyanates and other respiratory sensitisers in sprayed products

At risk: Sprayers, anyone in the spray zone

Controls: Where the safety data sheet lists isocyanates or another respiratory sensitiser, the spraying is not done in filtering half masks: the COSHH assessment selects air-fed RPE. Health surveillance under COSHH reg 11 — lung-function testing and symptom questionnaires, with biological (urine) monitoring for isocyanate sprayers as the occupational health provider directs — is in place before the first job. Two-pack isocyanate spraying remains specialist work outside KD-RAMS-PD-003; this document sets only the respiratory protection that work needs.

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

4. Air-fed supply failure or contaminated breathing air

At risk: Sprayers on air-fed RPE

Controls: Breathing air comes from a compressor or cylinder supply the RPE manufacturer permits, with the compressor intake in clean air away from engine exhausts, the spray zone and solvent stores. Hoses are routed so they cannot be run over, kinked or trapped. The equipment is fitted with a low-flow warning device, tested before use. Air quality is tested at the interval the COSHH assessment sets and recorded. On any loss of supply the wearer leaves the zone at once.

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

5. Filters and RPE past their service life, or stored contaminated

At risk: Sprayers

Controls: Gas and vapour filters give no reliable warning when exhausted: they are changed at the interval the manufacturer and the COSHH assessment set, and at once if the wearer smells or tastes solvent or breathing gets harder. Reusable RPE is cleaned, examined and stored in a sealed container away from the spray zone, with the examination record COSHH reg 9 requires. Disposable masks are used for one shift and binned.

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

6. People entering the spray zone without RPE

At risk: Other trades, supervisors, occupants

Controls: The spray zone is a controlled area with one signed entrance and a named person responsible for it. Nobody enters without the RPE the assessment specifies, including supervisors checking the work; spraying stops before anyone without RPE enters. Re-entry without RPE only after the clearance time the assessment sets.

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

7. Removing RPE inside the zone

At risk: Sprayers

Controls: RPE stays on until the wearer is out of the zone in clean air. Breaks, phone calls and conversations happen outside. Coveralls and gloves come off first and the facepiece last, so the inside of the mask is not contaminated from the outside of the suit.

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

8. Heat strain, fatigue and poor communication in RPE and coveralls

At risk: Sprayers

Controls: RPE and spray coveralls add heat load and breathing effort. Planned breaks outside the zone, drinking water available, and wear periods set by the supervisor for the conditions. A hand or radio signal is agreed because speech is difficult. Anyone feeling dizzy, unwell or short of breath leaves the zone immediately.

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

- Read the safety data sheet for every product to be sprayed and confirm the COSHH assessment states the RPE type, filter type, change interval and clearance time for this job.
- Check each sprayer's face-fit test record matches the RPE issued to them, and that they are clean-shaven where the seal sits.
- Check health surveillance status where the assessment requires it; anyone reporting breathing or skin symptoms does not spray until assessed.
- Inspect the RPE before the shift: facepiece, valves, straps, hood, filter type and date; for air-fed equipment, the compressor intake position, filters, hoses, couplings and the low-flow warning device.
- Confirm the spray zone ventilation is running and the entrance is signed and controlled (KD-RAMS-PD-003) before anyone puts on RPE.
- Put on hooded coveralls, gloves and eye protection, then the RPE, in clean air outside the zone; seal check on every donning.
- Spray with the RPE worn continuously; take breaks outside the zone at the intervals the supervisor sets.
- Stop and leave the zone if solvent is smelt or tasted, breathing resistance increases, air supply is lost, the facepiece is damaged or anyone feels unwell; do not return until the cause is found and put right.
- Outside the zone, remove coveralls and gloves, then the RPE last; wash hands and face before eating, drinking or smoking.
- Clean, examine and store reusable RPE in a sealed container; change filters as scheduled; bin disposable masks; record examinations, air tests and filter changes.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- | | |
|--|--|
| ☐ Half or full-face masks with the combined filters selected | ☐ Sealed RPE storage containers |
| ☐ Air-fed hoods or masks with breathing-air compressor or cylinders, where selected | ☐ Hooded spray coveralls |
| ☐ Face-fit test records | ☐ Spray zone extraction ducted to outside |

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

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

- | | | |
|--|--|--|
| ☐ Head protection | ☐ Gloves — task-rated | ☐ RPE as the COSHH assessment selects — face-fit tested |
| ☐ Safety footwear | ☐ Eye protection | ☐ Hooded spray coveralls |
| ☐ High visibility | ☐ Hearing protection | ☐ Chemical-resistant gloves to the data sheet |

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

7 PERMITS REQUIRED BEFORE THIS WORK STARTS

No permit is normally required for this activity. The site's own rules may still require one — check before starting, and record any permit issued below.
PERMITS ISSUED FOR THIS WORK (OR NONE)

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.