

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; BS 5975-2:2024 for falsework design, with BS 5975-1:2024 management procedures — designed, checked, permit to load and permit to strike; COSHH 2002 — wet cement is corrosive and a potent sensitiser; Manual Handling Operations Regulations 1992; PUWER 1998.

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

Installation of beam and block and precast concrete floors: setting out, craning or telehandling beams into position, infill blocks, grouting and the structural topping where specified.

This document does not cover: the floor design and bearing details, in-situ structural slabs (KD-RAMS-CF-001), and the screed or finish.

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. Precast beams and units struck, dropped or swung during the lift

At risk: Everyone in the lift area

Controls: Beam weights are taken from the schedule and the lift is planned to them, never estimated by eye — a floor beam is far heavier than it looks. Purpose-made lifting clamps with current certificates, tag lines on every unit, and an exclusion zone covering the full slew and drift. Nobody guides a beam by hand until it is at final positioning height with the machine holding it.

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

2. Walking or working off the beams before the floor is infilled

At risk: Operatives

Controls: Nobody walks the beams. Infilling is carried out from a boarded platform laid across them, moved forward as the floor is completed, until there is enough continuous floor to stand on safely. Blocks are never carried across open beams by hand.

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

3. Manual handling of boards, materials and components

At risk: Operatives

Controls: Mechanical aids first — trolleys, board lifters, hoists. Two-person lifts for boards and long components; order materials in manageable sizes; plan storage close to the workface; keep carrying routes clear and lit.

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

4. Skin contact with cements, plasters, adhesives and sealants

At risk: Operatives

Controls: COSHH assessments for every substance; gloves matched to the substance; barrier and after-work creams available; washing facilities close to the work; report skin problems early — dermatitis is a reportable trend, not a private nuisance.

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

5. Respirable silica and general dust from cutting and drilling

At risk: Operatives, others in the area

Controls: On-tool extraction (M-class) or wet suppression; RPE to the COSHH assessment (FFP3, face-fit tested) where extraction cannot adequately control exposure; sheet and segregate the work area in occupied buildings.

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

6. Slips, trips and housekeeping

At risk: Everyone in the work area

Controls: Keep the workface clear, remove waste and offcuts as they are created, route leads at high level or under mats, and maintain task lighting.

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

7. Falling into the void below a partly laid floor*At risk: Operatives, anyone in the substructure*

Controls: The void below is treated as an open excavation until the floor is complete: access below is closed off while beams are being set, and nobody works underneath. Partly laid floors are barriered at the working edge, and no opening is left uncovered at any break. Where the drop is more than two metres, edge protection is installed before the first beam is set.

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

- 01 Confirm the floor layout, the beam schedule and the bearing detail; check the supporting walls are complete and cured.
- 02 Plan the lift: beam weights from the schedule, the telehandler or crane position, and the exclusion zone below.
- 03 Close off access to the substructure and barrier the working edge before setting any beam.
- 04 Set beams to the layout under lifting control, with tag lines and nobody beneath the load.
- 05 Infill blocks working from a boarded platform, not from the beams themselves, until enough floor is complete to stand on.
- 06 Grout and complete the topping where specified; keep wet grout off skin.
- 07 Leave no opening uncovered at any break; hand over with the floor complete and edges protected.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- Telehandler or crane with lift plan
- Beam lifting clamps with current certificates

- Boarded working platform
- Edge protection and void covers

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
- Waterproof gauntlets for grout
- Safety footwear with toe 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-LO-008 — Lifting Operations Permit

For every beam lift.

PERMIT NUMBER

KD-PTW-WH-006 — Work at Height Permit

Where the drop below the floor requires it.

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	2026-08-11	first-issue	First issue.	— not yet approved —
A0	2026-08-27	review	Approved for issue by the author. Content unchanged from D0; 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.