

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; CDM 2015 reg 22(4) — no work in a supported or battered excavation without a competent-person inspection, reported under reg 24; reg 25(4) with HSE HSG47 (3rd edition, 2014) for underground services; PUWER 1998 and LOLER 1998 regs 8 and 9 for the rig and its lifting operations; Work at Height Regulations 2005; Manual Handling Operations Regulations 1992; COSHH 2002 with EH40/2005 (4th edition, 2020) for silica and wet cement; CDM 2015 regs 13 and 15. The working platform is temporary works: it is designed, certified and re-inspected under BS 5975-1:2024 management procedures, and no rig tracks onto it without a current certificate.

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 temporary and permanent retaining structures: sheet piles, king post and contiguous walls, ground anchors, waling beams and propping, to the temporary works design.

This document does not cover: the retaining and propping design, anchor testing and certification by others, and any alteration to a propping arrangement without the temporary works co-ordinator's written approval.

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. Rig overturning through an inadequate or degraded working platform

At risk: Rig crew, everyone on site

Controls: No rig tracks onto a platform without a current working platform certificate naming the rig and its ground bearing pressure. The platform is temporary works under BS 5975-1:2024: designed, constructed to the design, and re-inspected after heavy rain, after any excavation adjacent to it, and at the frequency the design states. Rutting, ponding or edge break-up stops work until the temporary works co-ordinator has re-certified it.

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

2. Striking underground services or a live cable while boring or driving

At risk: Rig crew, the public

Controls: The HSG47 (3rd edition, 2014) sequence without exception: plans obtained and on site, CAT-and-genny survey by a trained operative, marking up, and trial holes to prove every service near a pile position. Positions within the agreed proximity of a known service are hand-dug or vacuum-excavated to depth before the rig is set up. No plans, or a survey that does not match the plans, stops the work.

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

3. Being struck by the rig, the mast, or a swinging pile or auger

At risk: Rig crew, other trades

Controls: A marked exclusion zone around the rig covering the full slew and mast radius; nobody inside it but the rig crew, and entry only with the operator informed and the rig stationary. Loads and augers are tag-lined, never handled by hand while suspended. Reversing and tracking movements are banksman-controlled with agreed signals and eye contact maintained.

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

4. Falls into an open bore, pile cap excavation or shaft

At risk: Everyone on site

Controls: Every open bore is covered or barriered the moment the auger clears it — no bore is left open and unattended, ever, including at breaks. Covers are secured and marked. Pile cap excavations are battered, supported or barriered to the temporary works design, and inspected at the start of every shift under CDM 2015 reg 22(4) with the report made under reg 24.

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

5. Noise from cutting, fixing and plant

At risk: Operatives, others in the area

Controls: Select quieter methods and tools where practicable; hearing protection in designated zones and for noisy operations; agree noisy-works windows with the occupier in occupied buildings.

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

6. Work at height from steps, podiums, towers or MEWPs

At risk: Operatives, and anyone below

Controls: Select access by the Work at Height hierarchy — podium or tower before steps; MEWPs by trained (IPAF) operators only. Inspect access equipment before use, establish an exclusion below overhead work, and secure tools and materials against dropping.

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

7. 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 workforce; 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

8. Slips, trips and housekeeping

At risk: Everyone in the work area

Controls: Keep the workforce 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

9. Removing or altering a prop out of the designed sequence

At risk: Everyone in and around the excavation

Controls: Props are installed, loaded and removed strictly to the temporary works design and the stated sequence. No prop is slackened, moved or removed without the temporary works co-ordinator's written instruction. Props are tagged with the permitted load and the removal stage; struck or damaged props are reported and the excavation is cleared until re-certified.

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

- Confirm the temporary works design, the propping sequence and the platform certificate before starting.
- Prove services along the full line of the wall; hand-dig at every known crossing.
- Set out and install the piles or posts to line and level, within the exclusion zone.
- Excavate in the designed stages, installing walings, props or anchors at each stage before excavating further.
- Inspect and report the excavation at the start of every shift under CDM 2015 reg 22(4).
- Record anchor stressing and prop installation; hand records to the temporary works co-ordinator.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE**5 PLANT, EQUIPMENT AND MATERIALS**

- Piling or drilling rig with current thorough examination
- Vibratory hammer or press

- Props and walings with load tags
- Stressing equipment where anchors are used

INSPECTION / THOROUGH EXAMINATION REFS**COSHH ASSESSMENT REFS****6 PPE — THE LAST LINE OF CONTROL, NOT THE FIRST**

- Head protection
- Gloves — task-rated
- Hearing protection — vibratory driving is a high-noise operation
- Safety footwear
- Eye protection
- 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-EX-005 — Excavation and Permit to Dig

Before any ground is broken.

PERMIT NUMBER**KD-PTW-LO-008 — Lifting Operations Permit**

For pile, waling and prop lifts.

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.