

CONSTRUCTION HOIST ERECTION AND DISMANTLING

ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

Mast climbing hoists · tie-in · inspection · dismantle

KD-RAMS-LV-003 Rev A0

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; Work at Height Regulations 2005 — every shaft opening is a fall risk to everyone on the floor, not only to us; LOLER 1998 regs 8 and 9 for lifting operations and thorough examination of the equipment used to install; PUWER 1998; Manual Handling Operations Regulations 1992; COSHH 2002 for the oils, greases and cleaning solvents this work uses; CDM 2015 regs 13 and 15. Where a pit, machine space or shaft head meets the definition, the Confined Spaces Regulations 1997 and ACOP L101 apply and entry is under permit. Shaft protection is removed only by the named person on the permit, and it goes back before that person leaves the floor.

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

Erection, tying, climbing, inspection and dismantling of mast climbing goods and passenger hoists, including base preparation checks and the handover for use.

This document does not cover: the hoist foundation and tie design, use of the hoist by others once handed over, and the statutory thorough examination.

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. 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

2. Objects dropped down the shaft onto people below

At risk: Anyone in the shaft or the pit

Controls: Nothing is carried loose across an open shaft. Tools are lanyarded when working over the void; materials are lowered under control, never dropped or thrown. The pit and every level below the work are cleared and signed before work starts overhead, and nobody works at two levels in the same shaft at once unless the lift plan says how and a solid deck separates them.

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

3. Uncontrolled movement of the car, counterweight or platform during work

At risk: Installers

Controls: Mechanical restraint before anyone enters the shaft, pit or car top: pit props, car blocks or the manufacturer's locking device fitted and checked, not the brake alone. Supply isolated, locked off with a personal lock and proved dead at the point of work. The car top control is proved before it is relied on. Nobody is under a car or a counterweight that is held only by the machine.

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

4. 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 workplace; 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

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. Interface with occupants, other trades and the public

At risk: Occupants, other trades, the public

Controls: Segregate the work area — barriers, signage, sheeting; agree access routes and working hours with the occupier; never obstruct escape routes; deliveries and waste runs outside peak movement times where agreed.

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

7. 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

8. Erecting on an inadequate base or without the designed ties*At risk: Erectors, everyone on site*

Controls: The base is confirmed against the design — bearing, level and fixings — in writing before the first mast section. Ties are installed at the designed centres as the mast rises, never left to catch up later, and into the structural element the design names. The freestanding height in the design is never exceeded, for any reason, including to finish a lift before the weather closes in.

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

9. The hoist being used before it is handed over*At risk: Anyone who steps into it*

Controls: The hoist is physically immobilised and signed out of use until the thorough examination is complete and the handover certificate is issued. Base gates locked; controls isolated and the key held by the erection supervisor, not left in the cabinet.

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 base design, the tie design and the ground or structure certificate before delivery.
- 02 Establish the exclusion zone at the base for the whole erection and keep it for the dismantle too.
- 03 Erect the base structure and enclosure; check level and fixings against the design.
- 04 Climb the mast in stages, installing ties at the designed centres before exceeding the freestanding height.
- 05 Complete the erection checks; leave immobilised until thorough examination and handover.
- 06 For dismantle: confirm the hoist is out of service, reverse the sequence, and remove ties last, never in advance.

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

- | | |
|---|---|
| Erection crane or the hoist's own erection device | Lifting accessories with current certificates |
| Torque tools with calibration | Lock-off kit and signage |

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

- | | | |
|-----------------|---------------------|---|
| Head protection | Gloves — task-rated | Harness with twin lanyard for mast work |
| Safety footwear | Eye protection | Head protection with chinstrap |
| 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-WH-006 — Work at Height Permit

For all mast erection, climbing and dismantling.

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

For craned mast sections and components.

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.