

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5 — this document is the recorded safe system of work. The trade's own product is extra-low voltage, but the Electricity at Work Regulations 1989 govern the trade anyway: data containment shares ceilings, risers and boards' airspace with the mains, and regs 4 and 14 — safe systems, and no work near live conductors without justification and precautions — apply at every basket that crosses a busbar and every board a patch lead passes. The Work at Height Regulations 2005 cover the ceiling, riser and external work; CDM 2015 applies on construction sites and the fit-outs where most of this trade's hours are worked, and the Manual Handling Operations Regulations 1992 govern the drums, racks and cabinets the trade moves. Optical fibre work follows the laser-safety practice the equipment manufacturer specifies: unterminated fibre is never viewed with the naked eye and live fibre is never assumed dark. Prepared against legislation current at 10/08/2026.

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 cable basket, tray, conduit and support systems for data routes — setting out, fixing to structure, and the interfaces where data containment runs beside mechanical services and mains containment.

This document does not cover: mains containment and its supports (KD-RAMS-EL series), and penetrations through fire compartment lines without the firestopping arrangement for the project in place.

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. Ceiling void working — what shares the void, and the grid that will not carry you

At risk: Operatives, other trades below

Controls: Voids surveyed before the first tile lifts — mains, mechanical services, asbestos check in pre-2000 buildings; ceiling grids are NEVER load paths: work from steps, podiums or crawl boards on structure; tiles stacked flat and clear, the area below coned where tiles are out; services in the void treated as live until identified.

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

2. The mains beside the data — shared containment routes, boards and risers

At risk: Operatives

Controls: Routes near mains containment identified on the drawings before pulling; separation maintained per the design; no data work inside open live boards or panels — the electrician isolates or the work waits; damaged mains insulation found en route is reported and untouched; cabinets fed at 230V are the electrician's inside, ours at the patch panel.

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

3. 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

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 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

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. Fire compartment breaches from unstopped penetrations and openings

At risk: Building occupants

Controls: Fire-stop penetrations as the work proceeds in line with the fire-stopping plan; never leave a compartment breach open overnight in an occupied building; record what was stopped, where and with what.

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

7. Overhead fixing — drilling and fixing above head height all day

At risk: Operatives, trades below

Controls: Drilling with extraction or capture for overhead work; eye protection as standard overhead; fixings proven into structure, not into services — scan first; tools lanyarded or holstered on towers; the area below controlled while anchors are 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 Routes set out from the coordinated drawings; clashes with mains and mechanical resolved before fixing, not at the basket.
- 02 Fixing zones scanned; anchors set to structure at the design centres; supports levelled and aligned.
- 03 Basket and tray installed in runs, joined and earthed where the specification requires bonding continuity.
- 04 Compartment penetrations sleeved and left ready for the project's firestopping arrangement — recorded per opening.
- 05 Routes inspected and labelled; the void closed or the area handed back tidy each shift.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

Podiums and towers per the height

Laser and string lines for route setting

110V or battery drills with dust capture

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

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

Head protection

Gloves — task-rated

Eye protection for overhead drilling

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

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	2026-08-31	first-issue	First issue.	— not yet approved —
D1	2026-08-31	review	Reviewed against the internal H&S director's batch findings; no change to this document.	— not yet approved —
A0	2026-08-31	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.