

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; PUWER 1998 — once installed the door is work equipment, and its guarding, controls and means of stopping are PUWER matters; Work at Height Regulations 2005; LOLER 1998 reg 8 for lifting curtains, barrels and leaves; Manual Handling Operations Regulations 1992; COSHH 2002; CDM 2015 regs 13 and 15. A counterbalance spring stores enough energy to kill and holds it whether the power is on or not: springs are wound, released and adjusted only by an operative trained on that door type, using the manufacturer's tools and procedure.

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 industrial doors: roller shutters, sectional overhead and high-speed doors, including guides, barrel, curtain, counterbalance springs, motor and controls, up to test running and handover.

This document does not cover: structural alteration of the opening, and any work on an existing door whose spring condition and history cannot be established.

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. Stored energy in a counterbalance spring or tensioned barrel

At risk: Installers, anyone nearby

Controls: Springs are wound, released and adjusted ONLY by an operative trained on that specific door type, with the manufacturer's winding bars and procedure — never improvised bars, never a drill. The door is secured against movement before any spring work. Nobody stands in line with the barrel or the winding bars, and nobody else is within the working area while a spring is under adjustment. A spring of unknown condition or history is released under the manufacturer's controlled procedure, not unwound by hand.

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

2. Curtain, leaf or panel falling during installation or removal

At risk: Installers, the public

Controls: The curtain or leaf is supported by lifting equipment or props at all times until its fixings are complete and checked — never held by hand, never rested against the structure. Removal reverses the sequence with the support fitted first. The opening is barriered on both sides for the whole operation, because a door opening is a route people use without looking.

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

3. Trapping and shearing at guides, tracks and closing edges

At risk: Installers, users

Controls: Power isolated and locked off before any work inside the guides, tracks or head. On test running, the door is operated only by the person carrying out the test, with the working area clear and a second person controlling access to the opening. Guarding and safety edges are fitted before the door is powered for the first time, not afterwards.

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

4. 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

5. 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

6. Striking hidden services when drilling, cutting or fixing

At risk: Operatives

Controls: Check drawings and the services register, scan with a CAT before drilling or chasing into existing fabric, respect safe zones, and stop and reassess if an unrecorded service is found.

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

7. 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

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 opening dimensions, the structural fixing detail and the door schedule before delivery.
- 02 Barrier the opening on both sides and agree the traffic route with the site or occupier.
- 03 Scan and prove services before drilling; fix guides plumb and to the specified fixings.
- 04 Lift and set the barrel under lifting control; nobody beneath a suspended barrel.
- 05 Fit the curtain with the barrel supported; complete fixings before any support is removed.
- 06 Wind springs to the manufacturer's procedure — trained operative, correct bars, nobody else in the area.
- 07 Fit safety edges and guarding, then power up and test run; record the tests and hand over.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- Genie hoist or telehandler for the barrel
- Manufacturer's winding bars
- Lock-off kit
- Cable and pipe detector
- Podium steps and towers

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
- Cut-resistant gloves for curtain handling
- Eye protection for spring work

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 head, barrel and high-level work.

PERMIT NUMBER

KD-PTW-LO-008 — Lifting Operations Permit

For barrel and curtain lifts.

PERMIT NUMBER

KD-PTW-EL-010 — Electrical Permit to Work

For supply connection and isolation.

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.