

LIFT PLAN — CRANE LIFT

PLAN — ISSUE WITH THE PERMIT

The appointed person's written plan for one crane lift or one crane visit — the plan behind the permit

KD-LIFT-CL-001 Rev A0

LOLER 1998 reg 8: every lifting operation is properly planned by a competent person, appropriately supervised and carried out safely. BS 7121-1:2016 is how a crane lift meets that — the appointed person writes the plan, and this sheet is the plan: the load, the crane, where it stands and what the ground carries, radius against capacity, the rigging, the zone, the sequence and the limits. The permit that releases the lift on the day is KD-PTW-LO-008; this is the plan behind it. Overhead lines are to GS6 (4th edition, 2013); what is under the ground is found by the HSG47 (3rd edition, 2014) method. On a contract lift the crane company's appointed person writes it and this contractor checks it against the site; on crane hire, this contractor's appointed person writes it and owns it.

1 THE LIFTING OPERATION

PROJECT / SITE REF	SITE	DATE	LIFT PLAN REF / REV	PLAN WRITTEN BY (APPOINTED PERSON)
THE OPERATION IN ONE LINE		CATEGORY (BASIC / STANDARD / COMPLEX)	CONTRACT LIFT OR CRANE HIRE	DATE(S) / TIME WINDOW
☐ Tandem or multi-crane lift		☐ Lift of persons — LOLER reg 5; a separate plan		
☐ Blind lift — the operator cannot see the load		☐ Over a live road, railway or occupied building		
WHERE ANY BOX ABOVE IS TICKED — THE ADDITIONAL CONTROLS				

APPOINTED PERSON	LIFTING SUPERVISOR	CRANE OPERATOR	SLINGER / SIGNALLER(S)

2 THE LOAD

WHAT IS BEING LIFTED	LOAD WEIGHT (KG)	HOW THE WEIGHT IS KNOWN	DIMENSIONS (L × W × H, M)
CENTRE OF GRAVITY	LIFTING POINTS	TAG LINES	ANYTHING ABOUT THE LOAD THAT MATTERS

3 THE CRANE

CRANE TYPE / MODEL / CAPACITY	FLEET / REGISTRATION NO.	THOROUGH EXAMINATION — DATE / REPORT REF	CRANE OWNER / HIRER
CONFIGURATION FOR THIS LIFT	RATED CAPACITY INDICATOR AND ANEMOMETER		HOOK BLOCK WEIGHT (KG)

4 POSITION, GROUND AND WHAT IS AROUND THE CRANE

CRANE POSITION	PICK LOCATION	SET-DOWN LOCATION	
MAX OUTRIGGER / TRACK LOAD (KN OR T)	MAT / PAD SIZE (M × M)	BEARING PRESSURE IMPOSED (KN/M ²)	GROUND BEARING ALLOWED (KN/M ²) AND SOURCE
WHAT IS UNDER THE CRANE	TEMPORARY WORKS / CRANE BASE REF	SET-UP CHECK	
☐ Overhead lines within reach of the boom or the load — distances and GS6 measures in the box below			
☐ Structures, scaffolds, trees or other cranes within the slew or the load path			
☐ Public highway, footpath, railway, water or neighbours' land inside the zone or under the load			
☐ Excavations, slopes or retaining walls near the outriggers or the tracks			
☐ None of the above — checked on the ground by the appointed person, not from the drawing alone			

PROXIMITY HAZARDS — DISTANCES AND WHAT IS DONE ABOUT EACH

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5 RADIUS AND CAPACITY

RADIUS AT PICK (M)	RADIUS AT SET-DOWN (M)	MAXIMUM RADIUS DURING THE LIFT (M)	HEIGHT OF LIFT / BOOM ANGLE	CHART PAGE USED

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RATED CAPACITY AT MAXIMUM RADIUS (KG) GROSS LOAD (KG) UTILISATION (%) UTILISATION LIMIT SET FOR THIS LIFT (%)

The gross load is what the crane feels: the load, every sling, shackle and beam, the hook block, and anything hung from it. The radius that counts is the largest the load reaches on its path, and the chart page is the one for the exact configuration on the day — a different counterweight or outrigger spread is a different chart. Slewing over the rear or the side of a mobile crane may use a different chart again; say which.

6 RIGGING — EVERY ACCESSORY, WITH THE ARRANGEMENT

ACCESSORY	ID	SWL (MARKED)	EXAM DATE	ARRANGEMENT	CHECKED

SLING INCLUDED ANGLE / LEG ANGLE LIFTING BEAM / SPREADER ATTACHMENT TO THE LOAD — WHO CONFIRMS IT

7 EXCLUSION ZONE, PEOPLE AND COMMUNICATIONS

ZONE EXTENT	HOW MARKED AND CONTROLLED	WHO MAY BE INSIDE THE ZONE
COMMUNICATION METHOD	PUBLIC, OCCUPIERS AND NEIGHBOURS	OTHER TRADES AND PLANT

8 LIMITS AND STOP CONDITIONS — FIGURES FROM THE CRANE'S DATA, WRITTEN IN, NOT ASSUMED

MAXIMUM WIND SPEED FOR THIS LIFT (M/S)	WIND MEASURED WHERE AND HOW	LIGHTING AND VISIBILITY	GROUND AND WEATHER

- STOP if the load weight, the radius, the crane configuration or the ground is not as this plan states — the appointed person amends the plan in writing before the lift goes on
- STOP if anyone enters the exclusion zone or stands under the load; restart only when the zone is clear and the supervisor says so
- STOP if the wind reaches the figure above, or gusts make the load swing or spin, or the signaller loses sight of the load
- STOP if the rated capacity indicator alarms, the crane is not level, or a mat settles — set down where safe, then investigate
- STOP if radio contact is lost: the emergency stop signal is obeyed from anyone, at any time

9 SEQUENCE — THE LIFT STEP BY STEP

SEQUENCE

EMERGENCY AND RECOVERY

10 BRIEFING — EVERYONE WITH A PART IN THE LIFT, BEFORE THE FIRST LIFT

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NAME (PRINT)	ROLE IN THE LIFT	EMPLOYER	DATE	SIGNATURE — BRIEFED ON THIS PLAN AND THE ZON...

11 SIGNATURES

The appointed person confirms the plan is complete for the lift described and that the figures are from the sources named. The principal contractor confirms the site is as the plan assumes — the ground, the services, the zone and the public — and that KD-PTW-LO-008 will not be issued until KD-LIFT-CS-004 is signed. Any change re-issues this plan at a new revision.

Plan written by the appointed person:

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Accepted against the site by the principal contractor:

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

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	2026-09-02	first-issue	First issue.	— not yet approved —
A0	2026-09-02	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.