

Lifting Plan

Lift plan for a crane or other lifting operation: the load, equipment and capacity, accessories, ground and site hazards, the lifting team, sequence and briefing.

1. The lift

What is being lifted, where and when.

Project

Filled in from the project in SiteSurvey.

Lift plan reference

Customer

Site *

Site address

Date of the lift *

Plan prepared by

Lifting Operations and Lifting Equipment Regulations 1998, regulation 8. Every lifting operation involving lifting equipment must be properly planned by a competent person, appropriately supervised and carried out in a safe manner.

How demanding is the lift? (choose one)

- ☐ Basic: known weight, no hazards nearby
- ☐ Intermediate: hazards nearby or restricted space
- ☐ Complex: more than one crane, over people or live plant, or unusual load

Describe the lift *

From where, to where, and how many lifts.

2. The load

Weight, size and where it is slung from.

What is the load?

Weight of the load (kg) *

How is the weight known? (choose one)

☐ Marked on the load ☐ Drawings or data sheet ☐ Weighed ☐ Estimated

If applicable: An estimated weight is the weakest part of a lift plan. Say how it was estimated and allow a margin.

Dimensions

Is the centre of gravity known and central?

☐ Yes ☐ No

Lifting points and how the load is slung

Weight of slings, hooks and other accessories (kg)

Total weight on the hook (kg) (if applicable; worked out automatically in the app)

3. Equipment and capacity

The crane and the accessories.

Lifting equipment (choose one)

- ☐ Mobile crane
☐ Tower crane
☐ Lorry loader
☐ Crawler crane
☐ Telehandler
☐ Excavator used for lifting
☐ Forklift
☐ Chain hoist or gantry
☐ Other: _____

Make and model

Maximum radius of the lift (m)

Rated capacity at that radius (kg)

Share of rated capacity used (%) (if applicable; worked out automatically in the app)

If applicable: The load is more than the rated capacity at this radius. Do not lift. Change the equipment, the radius or the load.

Have you seen the current report of thorough examination for the equipment?

☐ Yes ☐ No

Date of that examination (if applicable)

Under regulation 9 of the same Regulations, lifting equipment for lifting people and lifting accessories must be thoroughly examined at least every 6 months, and other lifting equipment at least every 12 months, unless it is examined under a written examination scheme.

Lifting accessories (copy this block for each one)

Type * (choose one)

- ☐ Chain sling
- ☐ Webbing sling
- ☐ Wire rope sling
- ☐ Shackle
- ☐ Spreader or lifting beam
- ☐ Eyebolt
- ☐ Hook block
- ☐ Lifting cage or bag
- ☐ Other: _____

ID or serial number

Safe working load (kg)

Examination in date?

- ☐ Yes ☐ No

4. Site and people

The ground, what is nearby and who does what.

Ground under the crane or equipment (choose one)

- ☐ Checked and suitable ☐ Needs mats or preparation ☐ Not yet checked

Mats, plates or other measures (if applicable)

Are there overhead power lines or other overhead obstructions?

- ☐ Yes ☐ No

If applicable: Keep the crane, the load and the people well clear of overhead power lines. Speak to the line owner before the lift and record what was agreed.

Other hazards near the lift (tick all that apply)

- ☐ Underground services or voids
- ☐ Public or other workers below the path of the load
- ☐ Buildings or structures in the slew path
- ☐ Other cranes
- ☐ Roads or railway
- ☐ Excavations
- ☐ Other: _____

How is the area under the load kept clear?

Wind speed at which lifting stops, from the crane and load data

Person who planned the lift

Lift supervisor

Crane or equipment operator

Slinger or signaller

How will they communicate? (choose one)

☐ Hand signals ☐ Radio ☐ Both

5. Sequence and briefing

How the lift will be done, step by step.

Sequence of the lift

What happens if the weather changes, the equipment fails or the load cannot be landed?

Sketch or photos of the lift area (photos: attach, or note the file names)

Has everyone in the lifting team been briefed on this plan?

☐ Yes ☐ No

Plan prepared by

Signature of the person who prepared the plan

Lift supervisor

Lift supervisor signature