

### TOOLS & EQUIPMENT

# Mobile Crane Setup Check

Date: \_\_\_\_\_

Equipment / ID: \_\_\_\_\_

Inspected by: \_\_\_\_\_

Result: PASS / FAIL

Walk the setup before the first pick. Most tip-overs are a ground problem or a load-chart problem, and both are visible from where you are standing.

### 1. The ground

☐ Bearing capacity known or assessed. ☐ Pads sized for the load, not the pad that came with the truck. ☐ No trenches, vaults, backfill or basements under the outriggers. ☐ Machine level within the manufacturer's tolerance.

### 2. Outriggers

☐ Set to the position the load chart in use assumes — normally fully extended. ☐ Every outrigger carrying load, tyres clear where required. ☐ A partially extended setup used only where the crane has a chart for that exact configuration.

### 3. The chart, not the memory

☐ Correct chart for this configuration, boom length and radius. ☐ Gross load includes block, rigging, jib and anything attached. ☐ Radius measured, not estimated. ☐ Load does not exceed the chart at the worst radius of the lift.

### 4. Clearances

☐ Power lines identified; unqualified personnel and equipment stay 10 ft at 50 kV or below, plus 4 inches per 10 kV above. ☐ Swing path clear of structures and people. ☐ Counterweight swing area barricaded.

### 5. People

☐ Operator qualified for this crane. ☐ Signal person identified and using the Standard Method. ☐ Everyone knows that a stop signal is obeyed from anyone, at any time.

#### Before you sign:

- What is the worst-case radius on this lift?
- Who signals, and what is our stop signal?
- What is under the outriggers that we cannot see?

### MOBILE CRANE SETUP CHECK

## Sign-off

Everyone who took part signs below. Keep this sheet with your site safety file.

| #  | Name (print) | Signature |
|----|--------------|-----------|
| 1  |              |           |
| 2  |              |           |
| 3  |              |           |
| 4  |              |           |
| 5  |              |           |
| 6  |              |           |
| 7  |              |           |
| 8  |              |           |
| 9  |              |           |
| 10 |              |           |
| 11 |              |           |
| 12 |              |           |