

DAILY INSPECTION LOG • MODEL SPECIFIC

R275-12RB

The check the operator and the rigger make before every shift, and sign for. This book stays with the crane. It is not the maintenance schedule — maintenance is work QnQ's technician comes to site to do, and it has its own document.

CRANE
_____SERIAL NO.
_____SITE

How to use it

Each sheet is one day. Work down the list in the order it is printed — it follows the walk round, from the base up and finishing at the controls with the power on. Tick Pass, Fail or N/A on every line, then sign and put the time. Print or copy as many sheets as you need.

If anything is not right, do not start. Write it in the faults box on that sheet, tell the supervisor, and call QnQ. A crane with a fault does not work until the fault is cleared and that is written down. A fault still open at the end of the shift is copied onto the next sheet.

Completed sheets stay with the crane. On a rental they are filed at the crane's location for as long as it is there. This record is what CSA Z248-17 clause 8.3.2 asks for.

Checks that are not every shift

These are in this book, but they are not a daily tick. Do the check when the trigger happens, then write it on that day's sheet on the line at the bottom and sign for it as usual.

Check	When	Where it comes from
After erection Pins locked, plates legible, reeving correct	When it applies	Section 5.11
Site power supply Needs a B-type (delayed) RCD, not an ordinary one	When it applies	Chapter 5 — Operation
Electrical Insulation resistance to ground at least 0.5 MΩ, and mast grounding resistance no more than 4 Ω	Every 30 days	Section 5.4, Table 5-1
Limiters re-adjusted after every climb, after any jib length change, and after a period of use	When it applies	Section 5.4, Table 5-1

Rules that apply all shift

Not a daily tick — these apply the whole time the crane is working. Read them once and know them. 17 rules in 5 groups, each with where it comes from.

THE RECORD

Every malfunction goes into the crane's maintenance records

Section 2.4

Operator pre-shift inspection and control/safety-device test — loggedClause 8.3.2

HOW THE CRANE IS WORKED**Operator daily duties — defects, brakes, hook catch, load display**Section 2.4

The load indicator is not a weighing deviceSection 2.3

Radio remote control — original parts, and no cabinet modificationsSection 5.10.3.1.5

Suspended loads — never left unattendedClause 8.5.1

Tandem lifts and impact loads — engineer required, or not at allClause 8.9.1

A safety or limiting device must never be used as an operating stopClause 8.3.3.3

Overrides — who may authorise running with a safety device disabledClause 8.3.3.4

WEATHER AND CONDITIONS**Environmental limits — in service, out of service, and in store**Section 2.3

Anemometer required on site — mounted near the top, with alarmsClause 8.11.2.2

Snow and ice — clear it off the jib, counter-jib and the limit switchesClause 8.11.4

Visibility — lighting, blind lifts and bad weatherClause 8.12

OTHER CRANES, POWER LINES, AND ANYTHING ADDED TO THE CRANE**Overlapping cranes — anti-collision is required, not optional**Clause 8.10.2.1

Power lines — notify first, then de-energise, barrier, or zone it outClause 8.13.2

Banners and signs on the crane — not without an engineerClause 8.15.1

LEAVING THE CRANE**Leaving the crane — free to weathervane, secured, powered down**Clause 8.7

Where this comes from. Every line is a requirement of CSA Z248-17 or of the ZOOMLION manual for this model, taken from the same schedule the Fleet office runs on. The full wording and the source page for each one are in the technician maintenance document.

CSA Z248-17 is licensed to a single user. Requirements are stated in QnQ's own words with the clause number rather than reproduced.

If in doubt, stop and ask. QnQ Solutions Ltd · qnqsolutions.ca

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DATE	CRANE	SERIAL NO.	SITE	OPERATOR	HOOR METER
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The walk round – before the shift		Pass	Fail	N/A	Remarks
AROUND THE BASE					
1	Cab, controls, ropes and the fire extinguisher	☐	☐	☐	
2	Wind, temperature, voltage, clearances, ballast, foundation, lubrication	☐	☐	☐	
3	Wedges in slab openings In place and tight	☐	☐	☐	
4	Guy lines and guy line connections, where used	☐	☐	☐	
5	Grounding connections	☐	☐	☐	
6	Travelling cranes Tracks for loose connections, drainage, subsidence, bogie wear	☐	☐	☐	
7	Track rail clamps Daily and every time they are applied	☐	☐	☐	
UP THE TOWER					
8	Mast bolts and anchor bolts	☐	☐	☐	
ROPES, HOOK AND MECHANISMS					
9	At maximum and minimum radius the drum must retain at least 3 safety turns of rope	☐	☐	☐	
10	Brake clearance of each mechanism adjusted to position	☐	☐	☐	
11	Load hoist and boom hoist ropes	☐	☐	☐	
12	Wire ropes The daily rope inspection, and it goes in the log	☐	☐	☐	
IN THE CAB					
13	Cabin No lubricating oil, oily cotton waste or other flammables stored in it	☐	☐	☐	
WITH THE POWER ON, NOTHING ON THE HOOK					
14	Power-on check Every start-up, empty hook, before any work	☐	☐	☐	
15	After power on, hook empty Emergency stop, handles, brakes, travel limits and every protection switch tested	☐	☐	☐	
16	Limit switches, signal lights, audio/visual indicators and brakes	☐	☐	☐	

I made every check on this sheet myself before work started. Anything not right is in the faults box, and the supervisor was told.

Operator — sign	Time
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Faults found

Write it here the moment it is found, tell the supervisor, and call QnQ. **A fault that is still open at the end of the shift is copied onto tomorrow's sheet** — time on its own never clears one. The daily rope inspection is recorded against the rope line above; anything wrong with a rope comes in here.

What was found	Told who, and when	Crane stopped?	Cleared — by whom, when

The rigging — before the shift		Pass	Fail	N/A	Remarks
1	All slings and rigging checked before use	☐	☐	☐	
2	Test block-lifting hardware before lifting the test block	☐	☐	☐	
3	Load block and hook	☐	☐	☐	

I checked the rigging listed here before it was used, and anything not fit for use was taken out of service.

Rigger — sign	Time
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Checks that are not every shift — any done today
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