

CRANE TECHNICIAN MAINTENANCE • MODEL SPECIFIC

ZOOMLION R275-12RB

Every maintenance requirement for this crane, from the manufacturer's manual and from CSA Z248-17, grouped by how often it is due. Each line opens the page it came from.

This is the crane technician's work — QnQ attends site for all of it. Two other jobs are deliberately not in here: the operator's daily pre-shift checks, which live in the daily logbook, and the greasing the operator does under the hire agreement, which has its own form per machine. Between the three documents, every requirement on this crane is covered once and only once.

Saddle-jib tower crane. Jib configurable 30–70 m. Maximum load 6.0 t at 2-fall, 12.0 t at 4-fall. Working wind limit 20 m/s; erecting, climbing and dismantling 14 m/s.

132

maintenance items

72

on the calendar

9

on the hour meter

51

event triggered

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Every line traces to the ZOOMLION manual for this model or to CSA Z248-17. Tap **Manual** on any line to jump straight to that page.

Page numbers are **PDF page numbers**, which run a little ahead of the page numbers printed on the manual's own pages — type the PDF number into your reader and you will land on the right page.

This document is for the R275-12RB only

The RL250-16RB is a different machine with different numbers. Working from the wrong sheet puts the wrong figure on a brake.

	R275-12RB — this crane	RL250-16RB
Hoist brake shoe clearance	70 ± 2 mm	20 ± 2 mm
Slewing brake rated gap	0.75–1.0 mm	0.5 mm
Motor temperature rise limit	80 K (bearing 95 °C)	60 K
Pulley wear criteria	proportional — 30% of rope dia., radius 0.525d–0.6d	absolute — X 5 mm, Y 3 mm
Reducer oil	2000 h (climbing 2400 h)	7500 h or 5 years

Also: §6.7 documents **two different slewing brake designs**. Identify which motor is fitted against Fig. 6-26 before adjusting anything.

What is due, and when

Every shift	8
Every 3 days	1
Every week	14
Every 10 days	1
Every 3 weeks	1
Every month	16
Every 3 months	5
Every 6 months	10
Every year	16
Counted on the hour meter	9
Triggered by an event	51

Each line below is tagged with its timeframe, so it stays clear which list you are in however far down the page you are.

How to use this

1. **Three kinds of line in here, and they do not carry equal weight.** **CSA Z248-17** is law — the OHS Regulation requires tower cranes to meet it (OHSR 14.2(6)). The **ZOOMLION manual** is the manufacturer's instruction and the Regulation requires equipment to be maintained to it. **BC Crane Safety** lines are industry good practice: BCCS are an association, not a regulator, and those lines say so. Where they differ, the tighter one wins.
2. **Every line names its source and its page.** ZOOMLION lines carry the manufacturer's own words; CSA lines carry the clause text and number. The button opens the manual at that exact page.
3. **Where the frequency is our judgement it says so.** 16 lines are marked: the document gives a limit or a method but never a schedule for checking it, so QnQ picked one. Change it if you want it checked more often.
4. **Hour-meter lines are not calendar lines.** Read them off the meter and record the reading when the work is done.
5. **Log everything.** ZOOMLION, CSA 6.2 and BC Crane Safety all require the same record, and the logbook stays with the crane.

Every shift

8

Slewing mechanism brake

EVERY SHIFT

MANUAL p.304

§6.3, Table 6-2

Trolley mechanism brake

EVERY SHIFT

MANUAL p.304

§6.3, Table 6-2

Hoisting mechanism brake

EVERY SHIFT

MANUAL p.304

§6.3, Table 6-2

Travelling mechanism brake

EVERY SHIFT

MANUAL p.304

§6.3, Table 6-2

Rope release implement

EVERY SHIFT

MANUAL p.304

§6.3, Table 6-2

Hoist reducer — oil temperature and listen for abnormal noise

EVERY SHIFT

MANUAL p.317

§6.4, Table 6-7

Brake inspection — shoe clearance, spring static length, limit switch touch plate, oil contamination, gasket wear, wheel cracks

EVERY SHIFT

MANUAL p.313

Gasket under 3 mm must be replaced

§6.4

Pulley bearings — daily check for leaks, seals, noise and clearance

EVERY SHIFT

MANUAL p. 390

§6.9

Every 3 days

1

Electromagnetic brake air gap — trolley travel gear

EVERY 3 DAYS

Where the two came from: • The manual (page 353) puts the trolley mechanism on a service cycle of 450 hours or three months

MANUAL p. 354

§6.6

Frequency set by QnQ

Every week

14

Electric control implement, cable and electric wire

EVERY WEEK

MANUAL p. 304

§6.3, Table 6-2

Security implements — load moment, load, trolley, slewing and hoist limiters

EVERY WEEK

MANUAL p. 304

§6.3, Table 6-2

Climbing pump station — fill with hydraulic oil

EVERY WEEK

MANUAL p. 304

§6.3, Table 6-2

Slewing ring — grease the gear teeth (recurring, not just at erection)

EVERY WEEK

Frequency set by QnQ

MANUAL p. 304

§6.3, Table 6-2

Structural pins and keepers

EVERY WEEK

CSA p. 49

6.4.5 (a)

Trolley rollers, tracks, slewing rings and rollers

EVERY WEEK

CSA p. 49

6.4.5 (b)

Gear shaft and belt drives

EVERY WEEK

CSA p. 49

6.4.5 (c)

Sheaves, bushings and pins

EVERY WEEK

CSA p. 49

6.4.5 (d)

Guy ropes, pendant lines, cable clips, thimbles and ferrules

EVERY WEEK

CSA p. 49

6.4.5 (e)

Jib backstops (boom stops)

EVERY WEEK

CSA p. 49

6.4.5 (f)

All rope attachments

EVERY WEEK

CSA p. 49

6.4.5 (g)

Walkways, handrails and ladders

EVERY WEEK

CSA p. 49

6.4.5 (h)

Water collection points — confirm they drain

EVERY WEEK

CSA p. 50

6.4.5 (i)

Tie-ins to slabs or other bracing systems, where used

EVERY WEEK

CSA p. 50

6.4.5 (j)

Every 10 days

1

Hook deflection check — every 10 days

EVERY 10 DAYS

A new hoist rope carries rotating internal stress and it has to be released — trolley out with 80% of the rated load at the jib end

MANUAL p. 167

§4.12

Every 3 weeks

1

Electrical and safety devices — the 2–3 week erection-cycle check

EVERY 3 WEEKS

Electrical equipment is inspected under no-load conditions — not while the crane is working (page 405).

MANUAL p. 404

§6.15, Tables 6–18 and
6–20

Every month

16

High-tensile bolt connections — first check one month after erection

EVERY MONTH

MANUAL p. 304

§6.3, Table 6-2

Hoisting gear — fill the reducer with oil

EVERY MONTH

MANUAL p. 304

§6.3, Table 6-2

Vital framework, important welds and connections (bolts and pins)

EVERY MONTH

MANUAL p. 304

§6.3, Table 6-2

Hoist reducer — oil level and any sign of leaking

EVERY MONTH

MANUAL p. 317

§6.4, Table 6-7

Safety brake caliper — pads, disc, clearances and limit switch

EVERY MONTH

MANUAL p. 342

§6.5

Safety brake disc — scrap limits: 1 mm wear, 1.5 mm grooving, any crack
wear over 1 mm on both faces

EVERY MONTH

MANUAL p. 342

§6.5

Slewing / weathervane brake — inspect without dismantling

EVERY MONTH

MANUAL p. 362

§6.7

Hook — opening, torsion and wear, checked monthly

EVERY MONTH

Opening: the datum $a_0 = 80$ mm, measured before the hook was ever used

MANUAL p. 396

§6.12

All running ropes — periodic rope inspection

EVERY MONTH

CSA p. 52

6.5.1.3.1

Mast and boom structure — cracks or buckling

EVERY MONTH

CSA p. 50

6.4.6 (b)

Bogie wear on travelling cranes

EVERY MONTH

CSA p. 50

6.4.6 (c)

Counterweight supports

EVERY MONTH

CSA p. 50

6.4.6 (d)

Brake adjustment and wear

EVERY MONTH

CSA p. 50

6.4.6 (e)

Drums, sheaves, bearings and mounts

EVERY MONTH

CSA p. 50

6.4.6 (f)

Operator crane log up to date — tests, inspections, maintenance

Frequency set by QnQ

EVERY MONTH

CSA p. 47

6.2.3 (c)

Lubricating systems — check they are actually delivering lubricant

Frequency set by QnQ

EVERY MONTH

CSA p. 56

7.5

Every 3 months

5

Hoist reducer — clean the oil filter and the vent bolt

EVERY 3 MONTHS

MANUAL p. 317

§6.4, Table 6-7

Hoist motor — temperature rise, bearing heat and grease fill

Motor temperature rise must not exceed 80 K and the bearing must not rise more than 95°C — monitor it, do not spot-check it

Frequency set by QnQ

EVERY 3 MONTHS

MANUAL p. 316

§6.4

Hoist brake geometry — the four figures that are not the 70 mm

Separate from the 70 ± 2 mm shoe clearance: friction plate thickness not less than 12 mm

Frequency set by QnQ

EVERY 3 MONTHS

MANUAL p. 311

§6.4

Safety brake hydraulic unit — re-tighten the pipe joints (every 3 months)

EVERY 3 MONTHS

MANUAL p. 331

§6.5

Slewing / weathervane brake — adjust the clearance δ to 0.75–1.0 mm

A third brake figure on this machine: hoist shoe clearance is 70 ± 2 mm, trolley electromagnetic air gap is 0.6 mm, this one is 0.75–1.0 mm

EVERY 3 MONTHS

MANUAL p. 362

§6.7

Every 6 months

10

Twist compensator

EVERY 6 MONTHS

MANUAL p.304

§6.3, Table 6-2

Electrical supply — voltage window, cable routing, earthing rule

EVERY 6 MONTHS

Supply 60 Hz, 430–500 V AC. At the crane switch: no-load maximum 480 V +5% (480–500 V), on-load minimum 480 V –10% (430–480 V).

MANUAL p.127

§3.10

Frequency set by QnQ

Hoist coupling alignment — four tolerances

EVERY 6 MONTHS

Axial deviation ≤ 4 mm

MANUAL p.319

Frequency set by QnQ

§6.4

Mast sections — rabbet shake on the main chord, 0.7 mm absolute limit

EVERY 6 MONTHS

Any movement over 0.7 mm and the section is out of service until ZOOMLION after-sales have dealt with it.

MANUAL p.395

§6.11

Frequency set by QnQ

Hinge pins — grease type, and how they are stored off the crane

EVERY 6 MONTHS

Frequency set by QnQ

MANUAL p.395

§6.11

Trolley side rollers — replace at 5% of diameter worn

EVERY 6 MONTHS

Wear reaching 5% of the roller diameter is the replacement point

MANUAL p.398

Frequency set by QnQ

§6.13, Table 6-17

Safety brake hydraulic oil — first change at 6 months, then flush yearly

EVERY 6 MONTHS

Oil temperature must never exceed 70°C in service — if it does, find out why before running it again

MANUAL p.331

§6.5

Pulleys — scrap check: groove surface, groove depth, groove radius

EVERY 6 MONTHS

Three separate things condemn a pulley: (1) the groove should wear evenly and smoothly — any obvious indentation and it is scrap.

MANUAL p.391

Frequency set by QnQ

Ch.6 — Pulley scrap

Slewing / weathervane brake — dismantle and check the friction plate

EVERY 6 MONTHS

Replace the friction plate when its thickness falls under 3 mm, then reset δ to 0.75–1.0 mm

MANUAL p.363

§6.7

Preventive maintenance programme reviewed against the manufacturer's recommendations, with dated records of everything done

EVERY 6 MONTHS

CSA p.55

Frequency set by QnQ

7.2(b)

Every year

16

High-tensile bolt connections — inspect and grease the bolts

EVERY YEAR

MANUAL p. 305

§6.3, Table 6-2

The hook

EVERY YEAR

MANUAL p. 304

§6.3, Table 6-2

Cab front window hinge — free movement, lubricate

EVERY YEAR

MANUAL p. 305

§6.3, Table 6-2

Hoist reducer — test the oil for water content

EVERY YEAR

After the first 400 hours, then at least yearly

MANUAL p. 317

§6.4, Table 6-7

Ballast and counterweight blocks — weigh them if damaged

EVERY YEAR

Cracks, fretting or heavy wear mean the block gets weighed to confirm it is still in tolerance: base ballast 0 to +4%, counter-jib ballast -2 to +2%.

Frequency set by QnQ

MANUAL p. 401

§6.14

Steel structure — cleaning, re-lubrication and access ways

EVERY YEAR

Frequency set by QnQ

MANUAL p. 400

§6.14

Safety brake — the full inspection, once a year

EVERY YEAR

MANUAL p. 342

§6.5

Hoist brake pusher — change the hydraulic oil (every 1–2 years)

EVERY YEAR

Oil: dte-21 (Mobil) ISO VG15 or hl-10 DIN51524 for -25 to +50°C; yh-10 below -25°C. Also here: brake gasket under 3 mm thick gets replaced.

MANUAL p. 314

Ch.6, Table 6-6

Third-party inspection — competent person yearly, expert every 4 years

EVERY YEAR

MANUAL p. 36

Ch.2 §2.4.2.1.2
Periodic inspections

Visual inspection of the structure, with NDT of suspect areas

EVERY YEAR

CSA p. 50

6.4.7 (a)

All load-carrying equipment — sheaves, blocks, rings, shackles, hooks, slings

EVERY YEAR

CSA p. 50

6.4.7 (b)

All fixed ropes

EVERY YEAR

CSA p. 50

6.4.7 (c)

All running ropes

EVERY YEAR

CSA p. 50

6.4.7 (d)

Operational tests

EVERY YEAR

CSA p. 50

6.4.7 (e)

Load test

EVERY YEAR

CSA p. 50

6.4.7 (f)

Owner crane log — complete machine history maintained

EVERY YEAR

Frequency set by QnQ

CSA p. 47

6.2.2 (b)

Counted on the hour meter

9

Read these off the **hour meter**, not the calendar. A busy month and a quiet month are not the same thing, which is exactly why ZOOMLION states them in hours. Record the reading whenever one is carried out.

Motor bearing oil — every 1500 operating hours, at least yearly

COUNTED ON THE HOUR
METER

MANUAL p. 305

§6.3, Table 6-2

Oil change — slewing mechanism reducer — at 2000 operating hours

COUNTED ON THE HOUR
METER

MANUAL p. 305

§6.3, Table 6-2

Oil change — hoist mechanism reducer — at 2000 operating hours

COUNTED ON THE HOUR
METER

MANUAL p. 305

§6.3, Table 6-2

Oil change — trolley mechanism reducer — at 2000 operating hoursCOUNTED ON THE HOUR
METER

MANUAL p.305

§6.3, Table 6-2

Oil change — hoist mechanism brake — at 2000 operating hoursCOUNTED ON THE HOUR
METER

MANUAL p.305

§6.3, Table 6-2

Oil change — trolley travel reducer — at 2000 operating hoursCOUNTED ON THE HOUR
METER

MANUAL p.305

§6.3, Table 6-2

Oil change — climbing mechanism, at 2400 operating hoursCOUNTED ON THE HOUR
METER

MANUAL p.305

§6.3, Table 6-2

Trolley mechanism service — every 450 hours or 3 months, whichever comes firstCOUNTED ON THE HOUR
METER

Includes the trolley's electromagnetic brake air gap: standard $\delta = 0.6$ mm, maximum 1.2 mm — adjust back to 0.6 mm and tighten the screw

MANUAL p.353

§6.6

Slewing ring bolt preload — 500-hour retorqueCOUNTED ON THE HOUR
METER

First check after the first 100 hours of operation, then every 500 operating hours

MANUAL p.367

§6.7

Triggered by an event, not a date

51

Not on a repeating schedule — each is set off by something happening: an erection, a climb, a rope change, a repair. In the Fleet office, pressing **Crane erected** drops all of these into the calendar automatically.

Slewing ring — grease the ball track and the gear teeth (before every erection)TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Wire ropes and rope end fittings (before every erection)TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

The hook (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Telescoping equipment — grease the pins and guide section rollers (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Twist compensator (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Grease all pins (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Every framework part and connective part (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Every electric control and security implement (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Hoist reducer — oil quality and quantity (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Climbing mechanism — oil quality and quantity (before every erection)

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.304

§6.3, Table 6-2

Fall changing — the height limiter bypass must be put back

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.169

§4.12

One-key calibration — required after erection, before any normal lift

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p.189

§4.17

Maintenance mode bypasses every safety protection — control who can use it

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 189

§4.17 — Maintenance
Mode

Load-plus — raises the moment limit to 113%, under strict conditions

It then allows maximum load moment up to 113%, limits speed to 2nd gear, and permits only one mechanism to move at a time (first command wins).

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 189

§4.17 — Load-plus

Reducer oil change — the manual contradicts itself. Ask ZOOMLION.

The two chapters disagree: • §6.3 summary table: oil change in the slewing, hoist and trolley reducers after 2000 operation hours (climbing...

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 317

§6.3 vs §6.4 Table 6-7

Rope spooling — the first layer must go on under real load

The bottom layer has to be wound tight and even under a load of 2% of the rope's minimum breaking force, or 10% of the rated hoisting load

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 321

§6.4

Slewing brake — identify which of the two designs is fitted first

Older design (electromagnetic brake + electric weathercock): • air gap δ set to 0.75–1.0 mm at the set screw • adjust whenever δ exceeds 1.2 mm...

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 359

§6.7

Brake pads — ZOOMLION parts only, or the warranty is gone

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 344

§6.5

Motor overhaul — megger the windings at 500 V before it goes back on

Then measure stator-winding-to-shell insulation with a 500 V megohmmeter: under 0.5 M Ω and the motor has to be dried out before it is used.

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 316

Ch.6 — Motor

Acceptance test on erection — nameplate and grades, drive mechanisms, limiters, indicators and safety devices

Conditions: –15 to +40°C, wind under 8.3 m/s — and under 3 m/s for trolley speed, slewing speed, working speed and side perpendicularity

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 200

§4.18

Erection — no-load function test through the full range of every movement at maximum operating speed

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 200

§4.18

Erection — static test at 125% of rated capacity (4-fall)

Lift the rated load 100–200 mm clear, stand still, build to 125% in stages, measure the height, measure again after 10 minutes and compare

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 201

§4.18.1, Table 4-11

Erection — dynamic test at 110% of rated capacity

Two conditions: 110% of maximum load at the maximum radius for that load, and 110% of the rated load at maximum radius

TRIGGERED BY AN
EVENT, NOT A DATE

MANUAL p. 202

§4.18.2

Operational test — what it actually consists ofTRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 47

6.3.2

Load test — 105% of rated load, and the overload device must trip

ZOOMLION's own procedure governs; where they give none, the test uses blocks equal to 105% of rated load

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 48

6.3.3.1

Test blocks — engineered, 3:1 hardware, and never rebar

The blocks themselves: one at the exact weight of the rated load at the radius where load moment is maximum, plus a second at 5% of it, for the...

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 48

6.3.3.2

Structural NDT — who is allowed to do itTRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 47

6.3.1

Major inspection — every 60 months (5 years)

Industry good practice, not law — BC Crane Safety are an association, not a regulator.

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 4

Asme B30.3 §3-2.1.2(b)
(3) and §3-2.1.5**After 10 years, the major inspection becomes annual**

Industry good practice, not law — BC Crane Safety are an association, not a regulator.

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 4

Asme B30.3 §3-2.1.5(b)

Major-component inspection — the backstop is 10 years from commissioning

Industry good practice, not law — BC Crane Safety are an association, not a regulator.

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 1

Swp-tc-01

Before any maintenance — the isolation procedureTRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 56

7.3.1

Rope replacement — must match the crane maker's spec, and the spec goes in the crane manual

Below -40°C or above 82°C — call the rope maker before using it

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 28

4.11.1

Rope end fittings — hand-spliced terminations are banned

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 28

4.11.2 (d)

Any modification to the crane — engineer it, then document it

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 21

4.2

Climbing inside a building — re-ground to the building at the top wedge, every climb

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 36

4.23.2

Before erection — structural components non-destructively inspected, and an engineer verifies repairs are complete and components ready for service

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 48

6.4.2 (a)

After erection — retorque all tower bolts after the first 40 hours of service

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 49

6.4.3 (c)

Before erection — components inspected on site for shipping and handling damage

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 43

5.6.1

Before erection — electrical, mechanical and hydraulic components checked by a competent person

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 43

5.6.2

Erection, climbing or dismantling — wind limit 14 m/s (50 km/h)

ZOOMLION states 14 m/s for erect and dismantle, and 20 m/s maximum to work

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 44

5.9.3; R275 §4; RL250
§3

Erection — every hook on the rigging hardware has a safety latch

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 43

5.8.3

Erection — temporary counterweight blocks fastened to the base before the tower is raised

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 44

5.9.5

Before telescoping — crane stabilised and balanced, and a competent person confirms nothing obstructs the mast

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 44

5.9.6.2

Guyed or braced crane — written engineer confirmation that bracing matches the drawing and the host structure is strong enough

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 45

5.9.7.2

Special inspection — after shock loading, a power-line contact, an incident, a repair or a long shutdown

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 50

6.4.8

Back into service after maintenance — guards on, limits tested, air out of the hydraulics

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 56

7.3.2

Anything an inspection finds is fixed before the crane works again

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 56

7.4 (a)

ZOOMLION or CSA — whichever is more frequent is the one that binds

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 48

6.4.1

End of the job — transfer the site records into the owner's log

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 47

6.2.4

Before erection — the NDT certificate, and unique IDs on the major components

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 40

5.2.2 (a)

Sheaves — inspected before a new rope goes on

TRIGGERED BY AN
EVENT, NOT A DATE

CSA p. 55

6.5.4.1

Where this comes from. Built from the ZOOMLION manual for this model and CSA Z248-17. Every figure and quotation was checked back against the source text word for word by script, and every page reference was confirmed to contain the quote it points at. Nothing here is from memory.

What this is not. A schedule is not a substitute for the manual or the standard. Anything structural, anything on the load path, and anything needing a part goes to ZOOMLION or a qualified person. If a line here ever disagrees with the manual, the manual wins — tell QnQ so we fix it.

Handling. CSA Z248-17 is licensed to a single user. Keep this as an internal QnQ document, with the crane and its logbook. Do not publish it.

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