

INSPECTIONS + CORRECTIVE ACTIONS

Inspections and actions for cranes, rigging, ground, zone and lifting PPE. Potain, WOLFFKRAN, Liebherr, Zoomlion, Raimondi, Terex, JASO and Pecco tower charts and maintenance forms live here.

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Finding -> action -> person -> date -> done -> verified.

WHAT GETS INSPECTED

Crane pre-use and defects that affect lifting
 Tower, hammerhead, luffing jib and self-erecting machines - OEM charts below
 Rigging and below-the-hook gear
 Outriggers, mats, mast ties and supporting surface
 Exclusion zone and access
 Communication equipment
 PPE used on the lift
 Corrective actions from incidents and near misses on lifting work

FREQUENCY

Crane pre-use - each shift before the hook is loaded. 14.35.
 Rigging - before it takes load.
 Lift area - at setup. At least weekly on a standing tower. After a change to the pad, the zone or the access.
 Employer-controlled gear, tools and vehicles - recorded interval. Out of service when they fail.
 Workplace the employer controls - monthly, with worker participation where a committee or representative exists. 3.5.

DEFICIENCY CLASS

Immediate / out of service - affects lifting, access, or a safety device. The crane or the gear stays down.
 Before next shift - does not affect this lift. Will affect the next.
 Scheduled - named person, named date. Not a parking lot.

POTAIN TOWER CRANES

MDT 219 topless. MRH 125 hydraulic luffer. MR rope luffers. Hup, Igo and Igo T self-erects. Published load charts download from Manitowoc. Serial manuals stay in the cab and on Crane Care. Complete the Proven form for this class.

POTAIN MDT 219 - PROVEN-CRN-001 -> <https://sin.ae.org/safety/crane/mdt-219>

POTAIN MRH 125 - PROVEN-CRN-002 -> <https://sin.ae.org/safety/crane/mrh-125>

WOLFFKRAN TOWER CRANES

Clear flat-top. Compact and Cross saddle jib. 166 B hydraulic luffer. B-series rope luffers. Published data sheets download from wolffkran.com Canada. Serial manuals stay in the cab. Calgary service and WOLFF Assist support the interval. Complete the Proven form for this class.

WOLFF CLEAR - PROVEN-CRN-005 -> <https://sin.ae.org/safety/crane/wolff-clear>

WOLFF 166 B - PROVEN-CRN-007 -> <https://sin.ae.org/safety/crane/wolff-166-b>

LIEBHERR TOWER CRANES

EC-B flat-top. HC-L rope luffers and 195 HC-LH hydraulic. K-series fast-erect. Published data sheets download from liebherr.com Canada. Serial manuals stay in the cab, on the Tower Crane Portal and on MyLiebherr. Complete the Proven form for this class.

LIEBHERR EC-B - PROVEN-CRN-009 -> <https://sin.ae.org/safety/crane/liebherr-ec-b>

LIEBHERR HC-L - PROVEN-CRN-010 -> <https://sin.ae.org/safety/crane/liebherr-hc-l>

LIEBHERR K-SERIES - PROVEN-CRN-011 -> <https://sin.ae.org/safety/crane/liebherr-k-series>

ZOOMLION TOWER CRANES

R-generation and WA flat-top. RL hydraulic luffers. L / LW / LH rope luffers. Published product pages and Manual Download PDFs from en-product.zoomlion.com. Serial manuals stay in the cab. Complete the Proven form for this class.

ZOOMLION FLAT-TOP - PROVEN-CRN-012 -> <https://sin.ae.org/safety/crane/zoomlion-flat-top>

ZOOMLION RL - PROVEN-CRN-013 -> <https://sin.ae.org/safety/crane/zoomlion-rl>

RAIMONDI + TEREX TOWER CRANES

Raimondi MRT and T-series flat-top. LR rope luffers and LRH174 hydraulic. Terex CTT flat-top, CTL / CTLH luffers, CBR and CSE self-erects. Terex tower and self-erect now sit under Raimondi. Data sheets download from each product page on raimondi.com. Serial manuals stay in the cab. Complete the Proven form for this class.

RAIMONDI FLAT-TOP - PROVEN-CRN-015 -> <https://sin.ae.org/safety/crane/raimondi-flat-top>

TEREX CTT - PROVEN-CRN-017 -> <https://sin.ae.org/safety/crane/terex-ctt>

TEREX SELF-ERECTING - PROVEN-CRN-019 -> <https://sin.ae.org/safety/crane/terex-self-erect>

JASO TOWER CRANES

Flat-top J165 / J235. HPA hydraulic luffers. PA rope luffers. Published EN 14439 C25 and FEM 1001 sheets download from jaso.com/tower. Serial manuals stay in the cab. Smartlink and Eco Mode where fitted. Complete the Proven form for this class.

JASO FLAT TOP - PROVEN-CRN-020 -> <https://sin.ae.org/safety/crane/jaso-flat-top>

JASO HPA - PROVEN-CRN-021 -> <https://sin.ae.org/safety/crane/jaso-hpa>

PECCO / PEINER TOWER CRANES

SK hammerhead. SN rope luffers. SKK 140 articulated jib. Morrow published the North American range sheets. Peiner built them. Terex took Peiner in 1998. Current Terex SK sits under Raimondi. Serial manuals stay in the cab. Complete the Proven form for this class.

PECCO SK - PROVEN-CRN-023 -> <https://sin.ae.org/safety/crane/pecco-sk>

PECCO SN - PROVEN-CRN-024 -> <https://sin.ae.org/safety/crane/pecco-sn>

TOWER PRE-USE - PROVEN-FRM-027 -> <https://sin.ae.org/safety/form/tower-pre-use>

LUFFING JIB INSPECTION - PROVEN-FRM-028 -> <https://sin.ae.org/safety/form/luffing-jib-inspection>

SELF-ERECT INSPECTION - PROVEN-FRM-029 -> <https://sin.ae.org/safety/form/self-erect-inspection>

TOWER WEEKLY MAINTENANCE - PROVEN-FRM-030 -> <https://sin.ae.org/safety/form/tower-weekly-maintenance>

TOWER MONTHLY MAINTENANCE - PROVEN-FRM-031 -> <https://sin.ae.org/safety/form/tower-monthly-maintenance>

THE LOOP

PROCEDURE

01 FINDING

Name the defect, the missing control, or the broken plan.

02 ACTION

Repair, replace, isolate, rewrite the plan, add a spotter, stop the lift.

03 RESPONSIBLE PERSON

A named person. Not "the site."

04 DUE DATE

Out-of-service gear is immediate, not next Tuesday.

05 COMPLETION

Done, with evidence. Not a promise.

06 VERIFICATION

A second set of eyes. Closed only when it is proven.

ALL INSPECTION FORMS -> <https://sin.ae.org/safety/safety-forms>

An orphan recommendation is not a control. Close the loop.