

PROVEN SITE BINDER

MOBILE / CRAWLER SITE BINDER

Working copy of the mobile / crawler site file. Numbered to Proven forms and WorkSafeBC Part 14. BC Crane Safety does not publish a mobile site binder. Official WorkSafeBC checklists stay official.

Site: -

Address: -

Contractor: -

Activity supervisor: -

Crane: -

Meeting date: -



THIS PAPER IS UNCONTROLLED.

Scan for the live checklist. That page can change. This print cannot.

<https://sin.ae.org/safety/binder/mobile>

MACHINE AND CERTIFICATES**01 OPERATOR CERTIFICATION AND PROOF OF QUALIFICATION**

14.34.1. Valid BC Crane Safety certificate for this class - mobile, boom truck, or the lattice class on the ticket. Provisional operators need a written supervision plan. —
Copy in the file.

02 COMPETENCY ON THIS CRANE

14.34. A ticket is not competency on this serial. Instructed on the operating instructions and the signals. Assessed on this machine before it takes load. —

03 PROVISIONAL SUPERVISION PLAN

If the operator is provisional: the written supervision plan is in the file. Indirect for ordinary work. Direct for critical lifts. A name on a whiteboard downtown is not the plan. —

04 CRANE-SPECIFIC MANUAL

14.12. Serial operator and maintenance manuals. In the cab. Manufacturer sequence for assembly, travel and shutdown. Practice charts are not this serial. —

05 GENERAL SPECIFICATIONS AND LOAD CHART

14.5. The chart for this boom, this counterweight, this jib, this outrigger or crawler position, this reeving. Serial plate wins if a download disagrees. Practice PDFs are not this machine. —

06 DESIGN STANDARD - 14.2(5)

A mobile crane, boom truck or sign truck must meet CSA Z150-1998, or ASME B30.5-2004, or - articulating boom - B30.22-2005. Record which one this serial meets. —
That is not Z248. Meeting B30.5 does not cancel the rest of Part 14.

07 IDENTIFICATION

14.3. Manufacturer, model, serial, year, rated capacity - marked on the crane. Matches the chart and the annual cert. —

08 ANNUAL INSPECTION AND CERTIFICATION

14.71. Inspected in accordance with good engineering practice at intervals not exceeding 12 months, certified safe for use by a professional engineer, the manufacturer, or the manufacturer's authorized representative. Remote workplace: delay up to 3 months, next still within 12 months of the original due date. —

09 BOOM INSPECTION

14.72. When Part 14 or the manufacturer requires a boom inspection on this interval or after this event, the report is in the file. Lattice chords, lacing, pins - this serial, not a sister crane. —

10 NON-DESTRUCTIVE TESTING REPORT

Current NDT on the components this serial actually uses - boom, welds, pins as the engineer or OEM named. A report for a different crane is not this crane. —

11 MODIFICATIONS

14.15 and 14.16. Anything added or altered from the manufacturer is a modification until the manufacturer or a professional engineer says otherwise. Cameras, extra sheaves, homemade jibs - in the file or it is not on the crane. —

12 CERTIFICATION AFTER MISADVENTURE

14.16.1. After a tip, a shock, a lightning strike, or contact that could have damaged the crane: out of service until certified. Do not 'walk it off.' —

THE PAD**13 30M33 / RECORD OF DISCUSSION / ASSURANCE IN WRITING**

Part 19 Table 19-1A. MAD is 1 m under 750 V, 3 m to 75 kV, 4.5 m to 250 kV, 6 m to 550 kV. Unknown: 3 m distribution, 6 m transmission, until BC Hydro verifies. If the crane can enter those limits, Form 30M33 is completed with the power-system owner. Coded form - order it from WorkSafeBC. The Proven sheet is the schematic and the discussion. Post it on the site board. —

14 SUPPORTING SURFACE

14.69 and 14.11. The pad holds the reaction the chart assumes. Walk it. Locates. Mats sized for the load - they do not invent bearing. First load is a test of the ground. —

15 OUTRIGGERS AND STABILIZERS

14.67. Fully extended unless the short-rig chart for that position is in the cab and in use. Float pads secured. Crawler with no outriggers: N/A - the tracks and the ground item carry it. —

16 TIRES

14.68. On-rubber only when the chart for that configuration is the chart. Pressure and condition as the manufacturer. Crawler: N/A. —

17 CRAWLERS / TRACKS

Track tension, shoes, frames, travel locks as the manufacturer. Pick-and-carry and travel-with-load only on the crawler chart. Hydraulic RT on rubber is not this item. —

18 SITE LAYOUT / SWING AND SHEAR

14.40 and 14.41. Where the crane sits, tail swing, boom clearance, other plant, people, lines. The drawing or the sketch in the file matches the machine that is actually set. —

19 LAND USE / NAV CANADA

If this boom is an obstacle to air navigation - tall pick, airport zoning - NAV CANADA assesses land use. Mobile cranes are not exempt because they can fold. —

20 AERONAUTICAL ASSESSMENT

Transport Canada Aeronautical Assessment when the boom is an obstacle or you need marking and lighting. Not only a tower problem. —

21 TRAFFIC CONTROL / MUNICIPAL PERMITS / STREET USE

City, street-use, lane closure, pedestrian control. The crane does not invent a permit. —

BUILD AND CONFIGURE**22 LATTICE BOOM ASSEMBLY / DISASSEMBLY**

If this lattice is built or stripped on this pad: the manufacturer's sequence is the sequence. A qualified person directs it. Blocking, pin order, assist crane. 14.12. This is ~~is~~ not a tower NOP-TC. —

23 JIB, FLY, COUNTERWEIGHT, REEVING

A change of configuration is a new chart. Install as the manufacturer. Confirm the LMI / RCI matches before the next pick. —

24 VARIANCE OR ACCEPTANCE

If the configuration or the method is not as the manufacturer wrote it, the acceptance is in the binder. No verbal workaround. —

INSPECTION AND LOGS**25 PRE-USE INSPECTION**

14.35. Each shift the crane is used. Manufacturer list plus this program. Defects that affect lifting keep the crane down. —

26 OPERATOR LOG / INSPECTION RECORDS

14.14. Hours, lifts, defects - dated and signed. Stays with the machine. The log is how the next operator knows the last shift. —

27 FREQUENT AND PERIODIC INSPECTION

14.13. Weekly and monthly as the OEM and the named 14.2 standard require. Not a tower weekly sheet used as a stand-in. —

28 RATED CAPACITY INDICATION / ANTI-TWO-BLOCK

14.5, 14.7, 14.8. LMI / RCI, boom angle, radius - working, and matching this configuration. Anti-two-block not bypassed. Inoperative device: the crane does not lift. —

29 RIGGING CERTIFICATION

WLL, identification, current inspection. Failed gear is isolated the same hour. —

THE LIFT**30 BELOW-THE-HOOK LIFTING DEVICES**

Spreader, vacuum, magnet, purpose-built. Marked WLL. Inspection current. 14.53 and Part 15. —

31 LIFT PLANNING METHOD

How this crew plans a lift. Weight, COG, chart, path, abort - before the hook. Filled plans for non-routine work sit behind this item. —

32 CRITICAL AND TANDEM LIFTS

14.42 and 14.42.1. Written plan, named supervision. Tandem is not two operators guessing. —

33 FLHA AND DAILY LIFT CHECK

This shift, this lift, this ground. Not last Tuesday's sheet with the date changed. —

34 TRAVELLING WITH A LOAD

14.70. Pick-and-carry only on the chart for that configuration. Boom position, speed, path - as the manufacturer. If there is no travel-with-load chart, there is no travel with a load. —

35 RADIO FREQUENCY APPLICATION / COORDINATION

52E73C is written for tower, self-erect and industrial cranes. If this mobile uses radios to direct the hook on a construction site for more than a week, treat coordination as required. Dedicated channel. Multi-channel radios are not how you direct the hook. —

PROCEDURES**36 SAFE WORK PROCEDURES - OPERATION AND MAINTENANCE**

How this crane is set, run and shut down. Pre-use, operation, shutdown. The chart is the law of the machine. —

37 EMERGENCY RESPONSE PLAN

Site ERP plus crane-specific: powerline contact, tip, load hang-up, travel incident. THARRP is a tower-cab problem. A mobile still needs a named first-aid and muster. —

38 WORKING NEAR POWERLINES

Part 19 Table 19-1A. Assume live. MAD is a wall. Form 30M33 is item 13. This item is the method the crew can repeat. —

39 WEATHER AND WIND

Thunder is the stop. The lower wind number wins. Manufacturer and plan - not a vibe. —

40 OPERATOR CRANE ORIENTATION

This machine, this site, this chart, these radios, this pad. A mobile ticket is not an orientation. Walk the cab. Ignore tower-only fields that do not apply. —

OTHER

41 OTHER SITE-SPECIFIC DOCUMENTS

Anything this site adds: engineer letters, neighbour agreements, rail, transit, school hours. If it constrains the crane, it is in the binder. —

This PDF is the Proven working copy. The WorkSafeBC mobile crane inspection checklist is the officer tool - it is not this file.

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