

LOADING PLATFORM INSTALL AND REPOSITION

Empty deck. Four points. Props out. Edge. The service WLL is not the fly weight.

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THE JOB

Installing, repositioning or striking a cantilever loading platform by crane. Method: PROVEN-SWP-030. Fill PROVEN-SJP-003 / FRM-053 for this deck. Rails, props, clamps and daily SuperDeck extend / retract are the host's hazard analysis, not this one.

WHO IS EXPOSED

Operator
Rigger and signalperson
Tag-line hands
Platform supervisor (host)
Anyone below the path
Prime - not a spectator

A JHA names what can hurt someone and how that risk is controlled. It is not the procedure. Do the work to the matching SWP.

HAZARDS AND RISK

Task is the work being analysed. Controls follow eliminate, substitute, engineer, administer, PPE last. Extreme is the killer with no recovery. High is serious injury or a dropped load you still have a chance to stop.

TASK	HAZARD	LEVEL	RISK	CONTROL
Gate / plan	Last floor's SJP. Missing user information. Service WLL written as the pick.	HIGH	Critical lift run as a grocery pick. Overload or a surprise hang.	This-deck SJP. Type plate. Empty dead weight plus rigging. Meeting close to the lift. PROVEN-SWP-019 and 030.
Hitch	Improvised picks. Two legs on a four-point deck. Wrong chain length or sling angle.	HIGH	Deck dumps when it leaves the slab. Dropped load. 14.44.	Four designated points. 4-leg chain as the OEM. Doka: 3.20 m, <= 30 deg. Inspect. Tag lines on.
Empty	People or material still on the deck. Loose gear.	EXTREME	Dump at the edge. Person over. Fatal.	Empty only. Doka: no persons, no material. SuperDeck install empty. One platform at a time. Zone clear.
Release / hoist	Hoisting with props or clamps still in. Crane used to strip.	EXTREME	Side-load. Structural damage. Deck over the edge. Fatal.	Host releases to the OEM. CantiDeck: do not lift until props are released. Confirm free. Then hoist. Part 11 at the edge.
Fly	Wind on a sail. Lost radio. Path over people.	HIGH	Uncontrolled swing. Struck-by below.	Lower wind number wins. Doka 72 km/h is a ceiling, not a target. Tag lines. Exclusion. Stop on change.
Land / disconnect	Disconnect before rails, props and clamps are in. Crush at the set.	HIGH	Deck walks or dumps. Hands in the pinch.	Host pins rails and props, clamps or anchors as the OEM. Supervisor says landed. Then release.
Using the deck	Landing more than remaining WLL. Unsupervised load. Treating deck WLL as a second chart.	HIGH	Deck collapse or a pick the crane cannot hold.	Separate lift. Chart and remaining platform WLL both take it. Unsupervised load prohibited.

Retractable daily	Crane still hooked while SuperDeck / Super Roller / DOC rolls. The crew asked to retract it.	HIGH	Side-load. Snag. Dump.	Daily extend and retract is host. Preston: no licence to roll it. The crane hooks only for install, reposition, strike - empty.
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RESIDUAL RISK

A deck still dumps when a prop is left in, a pick is improvised, or someone is still on it. Residual is held by the empty-only gate and by stop-work - not by having moved this brand yesterday.

THE JOB DOES NOT PROCEED IF

No OEM user information or type plate at the lift
Dead weight unknown - or anyone treating service WLL as the fly weight (14.36)
People or material on the deck
Props or clamps still in
Fewer than the designated lifting points
Wind above the lower limit
Host asking the crane to retract or extend a SuperDeck

PPE - LAST LINE

Hard hat
CSA-grade footwear
High-visibility clothing
Eye protection
Task-rated gloves
Hearing protection where required
Fall protection where the work exposes a fall

MATCHING SWP

SWP - LOADING PLATFORM INSTALL AND REPOSITION -> <https://sin.ae.org/safety/swp/loading-platform-reposition>

REFERENCES

Workers Compensation Act s. 21(2)(b) - workers made aware of known or reasonably foreseeable hazards
Workers Compensation Act s. 21(2)(e) - information, instruction, training and supervision
OHS Regulation B.C. Reg. 296/97 (in force 15 Apr 1998) Part 3 - program, instruction, inspections (ss. 3.1-3.12)
CCOHS Job Safety Analysis - JSA and JHA are the same method: break the job, name the hazards, select controls
Workers Compensation Act s. 21 - known or reasonably foreseeable hazards; instruction and supervision
OHS Regulation (B.C. Reg. 296/97, in force 15 Apr 1998) Part 3 - OHS program, instruction, inspections
OHS Regulation Part 4 s. 4.13 - risk assessment where rescue or evacuation may arise
OHS Regulation Part 8 - PPE; headwear CSA Z94.1-05 or Z94.1-15
OHS Regulation Part 11 - fall protection
OHS Regulation Part 14 - Cranes and Hoists
14.2(5) - CSA Z150-1998, or ASME B30.5-2004, or ASME B30.22-2005 (articulating boom)
14.2(6) - CSA Z248-2004 for tower, hammerhead and self-erecting tower cranes
14.35 pre-use inspection 14.36 load weight 14.42.1 critical lift 14.44 loads over work areas 14.45 unattended loads
14.47-14.49 signals
OHS Regulation Part 15 - Rigging
Manufacturer load chart, manual and configuration limits
Site lift plan, FLHA and site rules where stricter
Doka loading platform User Information - four welded lifting points, Doka 4-part chain 3.20 m, empty only, no persons, sling angle <= 30 deg, reposition wind 72 km/h, one platform at a time.
Conquip CantiDeck User Guide - four lifting points, 4-leg chain, tag lines opposite corners, do not lift until props are released, disconnect after screw jacks tight, WLL on the type plate.
Preston SuperDeck - retractable drawer. Install is a licensed crane lift. Daily extend / retract is host operation. No crane licence to roll it. 604 817 DECK.

PERI RCS MP material platform - crane-set. Anchors or MULTIPROP between slabs. Host. User information for this serial.
DOC loading platform - powered retractable drawer. Install / relocate by crane. Daily extend / retract is host, including the 110 V supply.
14.36 load weight 14.44 loads over work areas 14.47-14.49 signals Part 11 at the slab edge
Manufacturer user information for this serial at the lift. Pick points only as the OEM names. Fly weight is empty dead weight plus rigging - not the service WLL.