

“Critical Lift Plan” - Crane Supported Work Platform

A written Critical Lift Plan must be prepared, documented and available at the workplace prior to lifting personnel in a Crane Supported Work Platform (CSWP). At a pre-job meeting held immediately before commencing hoisting operations for a CSWP Critical Lift, the required lift plan required must be communicated to all people involved and the supervisor must document the meeting. This sample CSWP Critical Lift Plan includes the minimum requirements that must be evaluated and discussed before lifting personnel in a CSWP. Every job-site has specific hazards that must be identified, evaluated, discussed and documented on your site specific CSWP Critical Lift Plan.

Project: _____ Address: _____

Contact Person: _____ Contact #: _____ Email: _____

Date: _____ Time: _____ Shift: _____

MOBILE CRANE INFORMATION					
Crane Make:	Crane Model:	Crane SN:	Yes	No	Reg. #
Crane operator qualifications & competency confirmed (BCACS, Red-Seal, TQ)					14.34.1
Crane manufacturer's manual available					14.2
Crane load chart(s) is available for configuration of the crane					14.8
Crane(s) on a floating support have their rated capacity (barge & crane) determined by a P. Eng.					14.66
Crane log book available and completed for the shift					14.14
Crane annual inspection completed and certified by a P. Engineer					14.71
Boom truck stability test completed and certified by a P. Engineer					4.8

MOBILE CRANE ASSEMBLY AND SET-UP				Yes	No	Reg. #
Crane assembly and lifting area organized to keep NON -involved persons from entering the site						14.38
Traffic control in place						18.2
Crane outriggers / stabilizers are set onto appropriate cribbing or blocking						14.69
Crane outrigger / stabilizer beams are marked to indicate correct extension & set correctly						14.67
Crane outrigger / stabilizer float pads are secured to jacks						14.67
Crane set-up on a suspended slab or adjacent (close) to the edge of an excavation has footing (base) certified by P. Engineer						14.69 20.1
Overhead and underground utilities evaluated, limits of approach maintained, guarded (30M33)						19.25
Crane load line, hook-block & rigging equipment have been inspected for damage or wear						15.31

CRANE SUPPORTED WORK PLATFORM (CSWP)				Yes	No	Reg. #
CSWP design, construction & rigging attachments have been certified by a P. Engineer						13.2
CSWP drawings are available at the workplace for inspection & reference						13.3
CSWP & rigging has been visually inspected for obvious damage or wear						13.3
CSWP has a data tag that indicates the rated capacity & maximum number of persons						13.20
CSWP, rigging, personnel & equipment does NOT exceed 50% of the crane capacity at the work radius? The crane operator has confirmed crane capacity from the manufacturer's load chart & subtracted all required deductions (stowed jib, overhaul-ball, load-block, rooster sheave, rigging)						13.27
The crane being used has a powered or fixed boom? CSWP can NOT be lifted by an articulating boom crane unless the manufacturer approves the installation and use						13.27
A secondary hoisting line will NOT be used while persons are being lifted in CSWP						13.27
The crane hoisting the CSWP has a functional two-block warning device						13.28
CSWP can only be lowered under power? A CSWP must NOT be attached to a crane with a free running boom or load line controlled only by brakes						13.29
Crane will be operated as slowly as practical while lifting personnel in the CSWP						13.29
A CSWP trial lift has been performed at all work locations prior to being occupied by personnel						13.29

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CRANE SUPPORTED WORK PLATFORM (CSWP) CONTINUED	Yes	No	Reg. #
Each person on the CSWP has a personal fall arrest system with a shock absorbing lanyard			13.33
Each person on the CSWP is attached to an engineered anchor above the load hook or attached to an engineered anchor point on the CSWP provided that the CSWP has a secondary safety strap that will prevent it from falling more than 15 cm (6 in) if the CSWP becomes dislodged from the hook			13.33
Wind speed has been evaluated and shut down limitations established			14.42.1
The need for & position of signaler's has been evaluated & discussed			14.42.1
Communication methods have been established, tested & confirmed effective			14.42.1
CSWP movement controlled by tag lines has been discussed with the rigger(s)			15.2

Discussion on Lift Procedures, Potential Hazards, Safety Issues, Suggestions & Questions:

Record of those Attending:

Name: (please print)	Signature:	Company:
1.		
2.		
3.		
4.		
5.		
6.		

Supervisor's Remarks _____

Supervisor _____ **Crane Operator** _____
 (Signature) (Signature)

Available reference material:

WCB Standard: WPL 2-2004 Design, Construction and Use of Crane Suspended Work Platforms.