



Project:	Address:	
Contact Person:	Contact #:	
Date:	Time:	Shift:

DEFINE THE TYPE OF CRITICAL LIFT(S) BEING COMPLETED OR LIST OTHER

- A lift by a mobile crane or boom truck that **exceeds 90% of its rated capacity** while it is lifting the load at a load radius of more than 50% of its maximum permitted load radius. (14.1 a)
- A tandem lift if the load on any one crane**, hoist or other piece of power lifting equipment **exceeds 75%** of the rated capacity of that crane, hoist or other piece of power lifting equipment. (14.1 b)
- A **demolition lift exceeding 75%** of chart
- A tandem lift involving the **simultaneous use of more than two cranes**, hoists or other pieces of powered lifting (14.1 c)
- A lift of a person in a **work platform (man basket)** suspended from or attached to a crane or hoist. (14.1 d)
- A lift in which the **centre of gravity of the load changes during the lift**. (14.1 e)
- A lift in which the length of **one or more sling legs changes** during a lift. (14.1 f)
- A lift by a crane, boom truck or hoist, supported on a **floating base**, that exceeds 90% of rated capacity. (14.1 g)
- A lift of a load over or between energized **high voltage electrical** conductors. (14.1 h)
- A lift of a **submerged load**. (14.1 i)

Define: _____

Section #1	CRANE INFORMATION	YES	NO	REG#
	Crane operator qualification & competency confirmed (BC Crane Safe, BCTQ)			14.34.1
	Crane manufacturer's manual available			14.2
	Crane load chart(s) is available for configuration of the crane			14.8
	Crane log book available and completed for the shift			14.14
	Crane annual inspection completed and certified by P. Engineer			14.71
	Boom truck stability test completed and certified by P. Engineer			4.8
	Crane or boom truck operating on a floating support has the rated capacity determined by P. Engineer			14.66
Section #2	CRANE ASSEMBLY & SET-UP	YES	NO	REG#
	Crane assembly and lift area organized to keep NON-involved persons from entering the working area / lift zone.			14.38
	Traffic control in place			18.2
	Crane outriggers/stabilizers are set onto appropriate cribbing or blocking.			14.69
	Crane outriggers/stabilizer beams are marked and pinned as required to indicate correct extension & set correctly			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 (1-1 minimum distance from the slope or excavation)			14.69 20.01
	Overhead and underground utilities evaluated, limits of approach maintained and guarded.			19.25
	Crane load line, hook-block & rigging equipment have been inspected for damage or wear			15.31
	Crane turntable or boom truck frame level within 1%			14.66
	Crane or boom truck operating on a floating support has a device to measure the list of the floating support			14.66



Section #3	CRITICAL LIFT PROCEDURES	YES	NO	REG#
	A qualified supervisor is responsible for the overall safe calculation & conduct of the critical lift			14.42
	A written critical lift plan has been prepared, reviewed & is available at the work site			14.42
	Rigging details, engineered attachment points & rigging equipment have been evaluated			14.42
	Final load placement site(s) have been evaluated & load placement point(s) confirmed correct			15.3
	Maximum crane hoist line speed evaluated & discussed			4.3
	Maximum crane manufacturer's operating wind speed for the crane(s) configuration confirmed			4.3
	Tandem Lift site wind speed being monitored using an anemometer			14.42
	Maximum crane travel speed & travel route access evaluated & discussed			14.42
	Load distribution, centre of gravity, changing sling length evaluated & discussed			14.42
	The need for & position of signaler's has been evaluated & discussed			14.42
	Effective communication has been established, tested & confirmed effective			14.42
	Load movement controlled by tag-lines has been discussed with rigger(s)			15.2

Load Information	Crane #1:	Crane #2:
Load description:		
Load length:		
Load width/diameter:		
Load height:		
Hoisting up height:		
Load weight:		
Block or ball weight:		
Rigging weight:		
GROSS LOAD WEIGHT =		

Crane Information	Crane #1:	Crane #2:
Crane size/model:		
Crane boom length:		
Crane jib length:		
Crane counterweight:		
Load radius (maximum):		
Crane gross capacity 360 (degree):		
Crane gross capacity: rear/front		
Minus Crane deductions: (attachments)ex: jibs stowed, erected, other		
CRANE NET CAPACITY=		
Capacity Margin (%) Gross Load Weight X 100= %of chart capacity Net Crane Capacity		

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



Section #4	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 with CSWP			13.27
	The crane hoisting the CSWP has a functional two block warning device			13.28
	Crane will be operated as slowly as practical while lifting personnel in the CSWP			13.29
	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
	A CSWP trial lift has been performed at all work locations prior to being occupied by personnel			13.29
	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 of 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 _____

Received in office by Manager or Safety Person: