

CRITICAL LIFT PLAN FOR OVERHEAD CRANES

DOC#: _____ Refer to #1000-AD-015-0010 Crane SOP
 Date: _____ (date of lift) Prepared By: _____
 Location: _____ Other: _____

A "critical lift" is defined as any non-routine crane lift requiring detailed planning and additional or unusual safety precautions. Critical lifts include: lifts made where the load weight is greater than 75% of the rated capacity of the crane; lifts which require load to be lifted, swung or placed out of the operator's view; lifts made with more than one crane; lifts involving non-routine/technically difficult rigging arrangement; hoisting personnel with a crane or derrick; or any lift which the crane operator believes should be critical.

A. TOTAL LOAD

1. Load Weight (net load) _____ lbs.
2. Wt. of Lifting Beam _____ lbs.
3. Wt. of Sling/Shackles _____ lbs.
4. Other: _____ lbs.
5. TOTAL WT(gross load) 0 lbs.

Note: Source of load weight (Drawing, Calcs, etc.) must be attached on Page 2

B. CRANE

1. Type of Crane 50 T Crane
2. Maximum Crane Capacity _____ lbs.
3. Gross Load of Crane _____ lbs.
4. Lift is 0% of the Cranes rated capacity
5. Note any non-standard conditions here.

C. HOIST ROPE

	Main	Aux 1	Aux 2
1. # of Parts			
2. Rope Diameter			
3. Capacity			

D. RIGGING See Attached Drawings/Diagrams

1. Hitch Type(s) _____
2. No. of Slings: _____ Size: _____
3. Sling Type (material): _____
4. Sling Assembly Capacity: _____ lbs.
5. Shackle Size(s): _____
6. Shackle Rated Capacity(s) _____ lbs.
7. Sling, shackle, hoist ring vendors & part numbers: _____
8. Expected Service Load _____
9. Torque for Hoist Rings-Check for Proper torques where applicable.

E. Signal Person Info./ Radio Check

1. Crane Operator briefed on who is Responsible for each point of lift?	YES	YES/NO
2. Names and location of each signal person recorded?		YES/NO
3. Are all signal people on-station before lift starts?		YES/NO
4. All Signal people must state their name and that they "have the hook"?		YES/NO
5. Are all Radios on Channel 2 before moving the crane? (when required)		YES/NO
6. Operators daily crane checklist completed and signed?		YES/NO

F. OPERATOR QUALIFICATIONS

1. Certified Operator?		YES/NO
2. Certified Rigger/Signal Person		YES/NO
		YES/NO
		YES/NO

G. PRE-LIFT CHECKLIST

	(YES)	N/A	(NO)
1. Crane Inspected			
2. Rigging Inspected			
3. Overhead Hazard Check			
4. Swing Check			
5. Tag Lines			
6. Area Traffic Hazard Check			
7. Signatures			
8. Pinch Point Hazard Check			
9. Set-Down Point Check			

H. SIGNATURES

1. Crane Operator _____
2. Lift Supervisor _____
3. Rigger _____
4. 1st Signal Person _____
5. 2nd Signal Person _____
6. Other (state title) _____
7. Other (state title) _____

CRITICAL LIFT PLAN FOR OVERHEAD CRANES

LOAD CALCULATIONS

Show here or attach calculations, drawings, etc.

CRITICAL LIFT PLAN FOR OVERHEAD CRANES

OPERATOR, RIGGER, SIGNAL PERSON QUALIFICATIONS

Show here or attach operator qualifications

Rigging/Signal Person Certified –

Name		Date	Class Retaken	Expiration Date	Sign if working on lift	Date of Lift
Abraham	Daniel	1/11/2018		1/11/2021		
Ball	William	10/1/2018		10/1/2021		
Blaine	Keith	1/11/2018	10/1/2018	10/1/2021		
Donaldson	John	1/11/2018		1/11/2021		
Dunlop	Patrick	10/1/2018		10/1/2021		
Evatt	Matt	1/11/2018		1/11/2021		
Hawes	Mike	10/1/2018		10/1/2021		
Joyce	Richard	10/1/2018		10/1/2021		
Lane	Steve	10/1/2018		10/1/2021		
Lavoie	Tammie	10/1/2018		10/1/2021		
Moreno	Victor	1/11/2018		1/11/2021		
Reddell	Larry	1/11/2018		1/11/2021		
See	Mark	1/11/2018		1/11/2021		
Sprayberry	David	10/1/2018		10/1/2021		
Stephens	Stanley	10/1/2018		10/1/2021		
Stephenson	Devin	10/1/2018		10/1/2021		
Stupak	Bob	1/11/2018		1/11/2021		
Wortman	Fred	1/11/2018		1/11/2021		

CRITICAL LIFT PLAN FOR OVERHEAD CRANES

OPERATOR, RIGGER, SIGNAL PERSON QUALIFICATIONS

Show here or attach operator qualifications

Overhead Crane Certified –

Name		Date	Class Retaken	Expiration Date	Sign if working on lift	Date of Lift
Abraham	Daniel	1/11/2018		1/11/2021		
Ball	William	1/11/2018		1/11/2021		
Blaine	Keith	1/11/2018		1/11/2021		
Demmer	Paul	1/11/2018		1/11/2021		
Donaldson	John	1/11/2018		1/11/2021		
Evatt	Matt	1/11/2018		1/11/2021		
Garcia	Leander	1/11/2018		1/11/2021		
McCollam	Bill	1/11/2018		1/11/2021		
Moreno	Victor	1/11/2018		1/11/2021		
Reddell	Larry	1/11/2018		1/11/2021		
See	Mark	1/11/2018		1/11/2021		
Stupak	Bob	1/11/2018		1/11/2021		
Wortman	Fred	1/11/2018		1/11/2021		
Zazueta	Alfredo	1/11/2018		1/11/2021		

CRITICAL LIFT PLAN FOR OVERHEAD CRANES

SITE PLAN

Show here or attach site plan and sequencing.