

CRANE SAFETY CHECKLIST (*submit 48 hours before crane mobilizes for approval from Shawmut Safety)
General Information:

Job name:		Job number:	
Subcontractor:		Competent person:	
Crane Company:		Date:	
Crane Size:		Shawmut Representative:	
Crane Operator:		Operator's License #:	
Rigging Company:		License Expiration date:	
Qualified Rigger:		3 rd Party Training:	
Qualified Signalperson:		3 rd Party Training:	
Make and Model of Crane:		Annual Crane Inspection expiration:	
Form completed by:		Reviewed by:	
Lift Director:			

Load Characteristics:

Description of equipment to be lifted:	
Dimensions of Max. Load:	
Total gross load from lift plan (max load, rigging, & contingency):	
Max Pick Radius:	
Total crane counter weights required:	
Crane Capacity at Max Radius (off crane load chart):	
% of Total Gross Load/ Crane:	
Tolerable wind speeds allowed per manufacturer?	

Rigging Plan:

Type of rigging equipment to be used:	
Tag lines to be used?	Yes / No – If no, explain on back of page
Rigging equipment inspected: by whom	Yes / No – Name:
What is the Working Load Limit on each leg of the rigging?	
Does each piece of the rigging equipment support the entire load? (Required)	Yes / No If No, please explain why.
What is the rigging configuration/ arrangement?	Choked? Bridle? Basket? Vertical?
Number of slings?	
Sling size?	
Sling length?	
Rated capacity of sling?	
Shackle diameter?	
Number of shackles used?	
Capacity of each shackle?	
What is the load angle factor?	
Manufacturer rigging instructions reviewed?	Yes / No

Rigging Sketch here



Description of crane activity:



Lift Plan Sketch here



	Yes	No
Operator qualifications: (licensed as qualified and certified operator) *		
Qualified Rigger Identified Has proof of 3 rd party certification been provided? If no, contact Shawmut Safety.		
Qualified Signalperson Identified Has proof of 3 rd party certification been provided? If no, contact Shawmut Safety.		
Underground Utilities: Properly located and marked and ground conditions are adequate to place weight of crane/ load to		
Overhead Hazards identified: including staying 20' away from power lines (unless exceptions are met per standard)		
Pre-lift Safety Meeting conducted AND documented: identifying responsible people (rigger, signalman, operator, communication method)		
Inspections: complete (daily visual, monthly documented, annual by 3 rd party)		
Assembly/Disassembly Director: identified and is trained in proper set up/dismantling of this particular crane.		
Assembly/Disassembly Procedures: identified and reviewed (owner's manual or company policy) – we must have a copy of this procedure.		
Outriggers: set up properly per the A/D procedures and Lift Chart		
Cribbing: must be determined by qualified person. May include 6x6 hardwood blocks to crane mats pre-engineered. Cribbing is in use based on soil condition. When cribbing is used it shall not have any gaps. Crane company owns cribbing.		
Swing radius protection: protect swing radius with signage and barricades for pedestrians and traffic management with safety buffer zone.		
Ground Conditions A qualified person has reviewed the max bearing pressure applied to the ground and found the ground conditions to be able to support that load.		
Critical Lift – if any of the following are true, it IS a critical lift: Will the load: 1) exceed 75% of crane capacity, 2) use more than 1 crane, 3) require the shutdown of streets or public ways, 4) item being hoisted costs >\$100,000, 5) item being hoisted will take > 4 weeks to replace, 6) Shawmut determines the pick to be high risk and labels it a critical pick. * If yes, you must complete Shawmut's Critical Lift Form and sign below		

Signatures			
Crane operator:		Contractor / rigger:	
Date and time:		Date and time:	
Contractor / rigger and operator are the competent persons and are solely responsible for the safe execution of the lift(s) and will complete the lift(s) in accordance with OSHA and ANSI standards			
SDC project representative:			
Date and time:			

