



# UPF PRE-LIFT SAFETY CHECKLIST

Work Package No. \_\_\_\_\_

Task No.: \_\_\_\_\_

<b>Record Number:</b>	<b>Inspection Date:</b>
<b>EQUIPMENT NUMBER:</b>	<b>RIGGING DRAWING NUMBER:</b>
<b>LIFT DATE:</b> 12	<b>WEIGHT OF LIFT:</b>
<b>CRANE MANUFACTURER:</b>	<b>CRANE MODEL:</b>
<b>CRANE EQUIPMENT NUMBER:</b>	<b>DIMENSIONS OF LIFT:</b>
<b>WEATHER CONDITIONS:</b>	
<b>PRE-LIFT VERIFICATIONS:</b>	
<p>1. Condition of lines and fastenings acceptable (no frayed cables, worn parts, etc.): <b>(Heavy &amp; Critical Lifts only – Required)</b></p> <p> <input type="checkbox"/> Performed on daily checklist                <input type="checkbox"/> Load lines                <input type="checkbox"/> Boom line                <input type="checkbox"/> Sheaves &amp; blocks         </p>	
<p>2. Condition of boom members &amp; connections acceptable: <b>(Heavy &amp; Critical Lifts only – Required)</b></p> <p> <input type="checkbox"/> Performed on daily checklist                <input type="checkbox"/> Alignment correct?                <input type="checkbox"/> Bent or defective members?                <input type="checkbox"/> Boom pins and keepers in place?         </p>	
<p>3. Condition of machinery acceptable:</p> <p> <input type="checkbox"/> Performed on daily checklist                <input type="checkbox"/> Engine                <input type="checkbox"/> Power take-off &amp; clutch                <input type="checkbox"/> Winch drums &amp; gears  <input type="checkbox"/> Brakes                <input type="checkbox"/> Safety dogs                <input type="checkbox"/> Controls  <input type="checkbox"/> Crane tracks or truck mounting                <input type="checkbox"/> Outriggers                <input type="checkbox"/> Cab         </p>	
<p>4. Verify rigging accessories acceptable (slings, shackles, spreader bars, etc.):</p> <p> <input type="checkbox"/> Size                <input type="checkbox"/> Capacity                <input type="checkbox"/> Condition         </p>	
<p>5. Verify the following are correct:</p> <p> <input type="checkbox"/> Boom length                <input type="checkbox"/> Radius                <input type="checkbox"/> Load line reeving  <input type="checkbox"/> Crawlers or outriggers extend fully (as applicable)                <input type="checkbox"/> Crane level         </p>	
<p>6. Check ground conditions:</p> <p> <input type="checkbox"/> Safe to take crane loading                <input type="checkbox"/> Look for muddy or uneven terrain  <input type="checkbox"/> If lift to be made on fill, verify it is compacted                <input type="checkbox"/> Mats required (verify number and size required)         </p>	
7. Verify overhead power line clearances.	
8. Verify operator is qualified.	
9. Check for any obstructions or hazardous material in path, adjacent to path or below path of lifting operations.	
10. Make sure tag lines are used.	
11. Verify that signal man (one person only authorized to give signals) is in clear and complete view of operator or that radio communication is available.	
12. Perform preliminary lift by slowly raising and lowering lift a few inches to ensure all equipment is functioning properly and is suspended correctly.	
13. Does the actual rigging scheme differ from the approved rigging diagrams?	
<input type="checkbox"/> Yes <input type="checkbox"/> No      If yes, explain on back of sheet.	



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<b>Record Number:</b>	<b>Inspection Date:</b>
<b>PRE-LIFT VERIFICATIONS (continued):</b>	
14. Verify the following weights and look for discrepancies:	
a. Design engineering calculated	
b. Certified Rigging Engineer calculated	
c. Field engineering calculated	
d. Vendor calculated	
e. Scale or load cell weight	
15. When the payload is within 5 percent of crane chart capacity, the vessel or component should be either weighed on scales (hydraulic calibrated jacks acceptable) or an approved load cell to ensure against overload of crane and/or rigging attachments.  The entire crane assembly, auxiliary equipment, engineering data, and the site must be inspected and verified to be in proper condition prior to making the lift.	
16. Check if "OSHA" required inspection documents are in order. (Monthly/Periodic/Annual inspections).	
<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>COMMENTS:</b>	
<b>PRE:</b>	<b>DATE:</b>
<b>RS:</b>	<b>DATE:</b>

1. The Operator has completed the daily crane inspection checklist and all equipment and systems are in a satisfactory condition to perform the lift.
2. The rigging crew and equipment operator(s) have verified hauling and lifting equipment is setup per the rigging/lifting plan.
3. The Rigging Engineer and/or Rigging Supervisor has inspected and verified adequacy of the specified lift points.
4. The Rigging Engineer and/or Rigging Supervisor have inspected the load for factors that may add to the total weight of the lift, such as ice, excess moisture or packing materials.
5. The Rigging Supervisor has inspected the hauling and lifting equipment.
6. Clear communications between the Operator and the Rigging crew has been emphasized.
7. The Rigging Supervisor has evaluated weather conditions to ensure the lift can be made safely.
8. The rigging crew and equipment operator(s) have inspected attachments and rigging equipment including lugs, slings, shackles, and spreader beams.
9. The rigging crew has evaluated use of tag lines or other means for controlling the load.
10. The rigging crew has placed temporary barricades around the work area and notified adjacent work crews of the rigging work operation.