



## **CRITICAL LIFT PLAN CHECKLIST**

- 1. EXACT WEIGHT OF LOAD SPECIFIED INCLUDING RIGGING AND ALL COMPONENTS**
- 2. IS THE CRANE MANUFACTURER'S MAXIMUM LOAD LIMITS FOR THE ENTIRE RANGE OF THE LIFT SPECIFIED?**
- 3. HAS THE LOAD CHART BEEN PROVIDED FOR EACH CRANE TO VERIFY BOOM ANGLE LOAD RADIUS AND LIFTING CAPACITY?**
- 4. HAS A LIFTING PLAN SKETCH BEEN PROVIDED WITH THE FOLLOWING INFORMATION**
  - a. Crane(s) position in relation to the load**
  - b. Height of the lift to be accomplished**
  - c. Load Radius from center pin of crane to center of the hook at pick up point.**
  - d. Boom length for entire range of lift**
  - e. Boom angel for entire range of the lift**
- 5. IS THE NAME OF EACH CRANE OPERATOR SPECIFIED?**
- 6. IS A CURRENT COPY OF EACH CRANE OPERATORS OPERATORS LICENSE PROVIDED?**
- 7. IS THE NAME OF THE LIFT SUPERVISOR PROVIDED AND HIS QUALIFICATIONS?**
- 8. ARE THE NAMES OF THE RIGGERS PROVIDED AND THEIR QUALIFICATITONS?**
- 9. DOES THE RIGGING PLAN DESCRIBE EACH COMPONENT AT EACH LIFTING POINT & LIST ALL COMPONENTS? (Slings, chockers, shackles, hooks, spreader bars, etc.**
- 10. IS A RIGGING PLAN SKETCH PROVIDED SHOWING ALL COMPONENTS AT EACH LIFT POINT (Slings, chockers, shackles, hooks, spreader bars, etc.**
- 11. IS THE SAFE WORKING LOAD INDICATED FOR ALL RIGGING COMPONENTS?**
- 12. FOR FLOATING CRANES/DERRICKS IS A DESCRIPTION OF THE OPERATING PLATFORM PROVIDED, AND ANY POTENTIAL LIST?**
- 12A. DOES THE FLOATING CRANE HAVE A COPY OF THE 3RD PARTY INSPECTION PAPERS?**
- 12B DOES THE FLOATING CRANE CAB HAVE THE REDUCED CAPACITY LOAD CHART POSTED?**
- 12C DOES THE FLOATING CRANE CAB HAVE A LIST AND TRIM INDICATOR INSTALLED?**
- 13. DOES THE PLAN DESCRIBE ENVIRONMENTAL CONDITIONS IN WHICH THE LIFT WILL NOT TAKE PLACE (wind, rain, snow, other environmental conditions)**
- 14. DOES THE PLAN DESCRIBE THE MEANS OF COMMUNICATIONS FOR THE LIFT AND IF THE LOAD WILL BE LANDED IN THE BLIND...WHAT METHOD OF COMMUNICATIONS?**
- 15. DOES THE PLAN DESCRIBE ANY COMMUNICATION BETWEEN MULTIPLE CRANES?**
- 16. FOR TANDEM OR TAILING CRANE LIFTS DOES THE PLAN SPECIFY THE FOLLOWING:**
  - a. Make and Model for each crane**
  - b. Provide the boom angle, boom length, and weight to be lifted by each crane**
  - c. Describe load swing speeds and any requirements for an equalizer beam**
- 17. IS A SKETCH PROVIDED SHOWING THE POSITION OF EACH CRANES POSITION?**
- 18. DOES THE SKETCH SHOW THE LOCATION OF ALL NEARBY UTILITIES BOTH UNDER-GROUND AND OVERHEAD.**
- 19. DOES THE SKETCH SHOW THE LOCATION OF ALL OUTRIGGERS/CRAWLER TRACK AND THE SIZE/THICKNESS OF ANY OUTRIGGER PADS AND/OR CRIBBING TO BE USED?**
- 20. IS THE CRITICAL LIFT SIGNED BY THE SUPERVISOR, CRANE OPERATORS AND RIGGERS**