**CRANE SAFETY CHECKLIST**

**OPERATOR : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              LOCATION:        \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  
**CRANE NO :  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              CRANE TYPE :   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  
**CAPACITY :   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              DATE :                \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  
  
**YES     NO**  
  
 **WALK AROUND INSPECTION**  
  
\_\_\_\_    \_\_\_\_   1. Safety guards and plates inspected?  
\_\_\_\_    \_\_\_\_   2. Check the carrier frame, rotate base  
\_\_\_\_    \_\_\_\_   3. Is general hardware in good condition?  
\_\_\_\_    \_\_\_\_   4. Is wire rope undamaged and no internal breaks?  
\_\_\_\_    \_\_\_\_   5. Is reeving in good condition?  
\_\_\_\_    \_\_\_\_   6. Is crane block unworn and undamaged?  
\_\_\_\_    \_\_\_\_   7. Is crane hook undeformed?  
\_\_\_\_    \_\_\_\_   8. Is there no loose or damaged sheave guards?  
\_\_\_\_    \_\_\_\_   9. Are there no dents, cracks or other damage to the boom and jib extension?  
\_\_\_\_    \_\_\_\_ 10. Is gantry, pendant, boom stop in good working condition?  
\_\_\_\_    \_\_\_\_ 11. Walks, ladders, handrails provided?  
\_\_\_\_    \_\_\_\_ 12. Check for wind locks, chocks, stops  
\_\_\_\_    \_\_\_\_ 13. Check for wheels, and tires damage or proper inflation  
\_\_\_\_    \_\_\_\_ 14. Check for oil, lube, water and fuel leaks  
\_\_\_\_    \_\_\_\_ 15. Is radius indicator visible?  
\_\_\_\_    \_\_\_\_ 16. Check the outriggers for deformed pads, cracked welds, damaged beam   
  
                           **OPERATOR CAB INSPECTION**  
  
\_\_\_\_    \_\_\_\_   1. Check the gauges  
\_\_\_\_    \_\_\_\_   2. Are warnings & indicator lights working?  
\_\_\_\_    \_\_\_\_   3. Are control / brakes working?  
\_\_\_\_    \_\_\_\_   4. Check your visibility  
\_\_\_\_    \_\_\_\_   5. Is load rating charts available?  
\_\_\_\_    \_\_\_\_   6. Check for safety devices availability  
\_\_\_\_    \_\_\_\_   7. Is emergency stop switch working?  
\_\_\_\_    \_\_\_\_   8. Check the list / trim indicators  
\_\_\_\_    \_\_\_\_   9. Check the boom angle / radius indicator  
  
  
  
                           **OPERATION INSPECTION**  
  
\_\_\_\_    \_\_\_\_   1. Is the area safe?   
\_\_\_\_    \_\_\_\_   2. Is there no unusual noises?  
\_\_\_\_    \_\_\_\_   3. Check the control action  
\_\_\_\_    \_\_\_\_   4. Check the brakes / boom/ load / rotate  
\_\_\_\_    \_\_\_\_   5. Is the crane stable and in good working condition?  
\_\_\_\_    \_\_\_\_   6. Have you completed the no-load test?  
\_\_\_\_    \_\_\_\_   7. Check the fleeting sheave  
\_\_\_\_    \_\_\_\_   8. Is crane limit switch working?  
  
                **MACHINERY HOUSE INSPECTION**  
  
\_\_\_\_    \_\_\_\_   1. Is there adequate housekeeping?  
\_\_\_\_    \_\_\_\_   2. Check for possible leaks  
\_\_\_\_    \_\_\_\_   3. Check for adequate lubrication  
\_\_\_\_    \_\_\_\_   4. Is the battery in good condition?  
\_\_\_\_    \_\_\_\_   5. Are lights working properly?  
\_\_\_\_    \_\_\_\_   6. Check for cracks or broken glass  
\_\_\_\_    \_\_\_\_   7. Is clutch/brake lining working properly?  
\_\_\_\_    \_\_\_\_   8. Are electric motors in good working condition?  
\_\_\_\_    \_\_\_\_   9. Are warning tags available?  
\_\_\_\_    \_\_\_\_ 10. Are fire extinguishers available?