**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?