**CRANE SAFETY CHECKLIST**

**OPERATOR : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              LOCATION:        \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
**CRANE NO :  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              CRANE TYPE :   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
**CAPACITY :   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_              DATE :                \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**YES     NO**

                           **WALK AROUND INSPECTION**

\_\_\_\_    \_\_\_\_   1. Are safety guards and plates inspected?
\_\_\_\_    \_\_\_\_   2. Have you checked the carrier frame, rotate base?
\_\_\_\_    \_\_\_\_   3. Is general hardware in good condition?
\_\_\_\_    \_\_\_\_   4. Is wire rope undamaged and are there no internal breaks?
\_\_\_\_    \_\_\_\_   5. Is reeving in good condition?
\_\_\_\_    \_\_\_\_   6. Is crane block unworn and undamaged?
\_\_\_\_    \_\_\_\_   7. Is crane hook in good condition?
\_\_\_\_    \_\_\_\_   8. Are 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. Are walks, ladders, handrails provided?
\_\_\_\_    \_\_\_\_   12. Have you checked for wind locks, chocks, stops?
\_\_\_\_    \_\_\_\_   13. Have you checked for wheels, and tires damage or proper inflation?
\_\_\_\_    \_\_\_\_   14. Have you checked for oil, lube, water and fuel leaks?
\_\_\_\_    \_\_\_\_   15. Is radius indicator visible?
\_\_\_\_    \_\_\_\_   16. Have you checked the outriggers for deformed pads, cracked welds, damaged beam?

                           **OPERATOR CAB INSPECTION**

\_\_\_\_    \_\_\_\_   1. Have you checked the gauges?
\_\_\_\_    \_\_\_\_   2. Are warnings & indicator lights working?
\_\_\_\_    \_\_\_\_   3. Are control / brakes working?
\_\_\_\_    \_\_\_\_   4. Have you checked your visibility?
\_\_\_\_    \_\_\_\_   5. Are load rating charts available?
\_\_\_\_    \_\_\_\_   6. Have you checked for safety device availability?
\_\_\_\_    \_\_\_\_   7. Is the emergency stop switch working?
\_\_\_\_    \_\_\_\_   8. Have you checked the list / trim indicators?
\_\_\_\_    \_\_\_\_   9. Have you checked the boom angle / radius indicator?

                           **OPERATION INSPECTION**

\_\_\_\_    \_\_\_\_   1. Is the area safe?
\_\_\_\_    \_\_\_\_   2. Are there no unusual noises?
\_\_\_\_    \_\_\_\_   3. Have you checked the control action?
\_\_\_\_    \_\_\_\_   4. Have you checked the brakes / boom/ load / rotate?
\_\_\_\_    \_\_\_\_   5. Is the crane stable and in good working condition?
\_\_\_\_    \_\_\_\_   6. Have you completed the no-load test?
\_\_\_\_    \_\_\_\_   7. Have you check the fleeting sheave?
\_\_\_\_    \_\_\_\_   8. Is crane limit switch working?

                           **MACHINERY HOUSE INSPECTION**

\_\_\_\_    \_\_\_\_   1. Is there adequate housekeeping?
\_\_\_\_    \_\_\_\_   2. Have you checked for possible leaks?
\_\_\_\_    \_\_\_\_   3. Have you checked for adequate lubrication?
\_\_\_\_    \_\_\_\_   4. Is the battery in good condition?
\_\_\_\_    \_\_\_\_   5. Are lights working properly?
\_\_\_\_    \_\_\_\_   6. Have you checked 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?