

Weekly Heavy Machinery and Crane Inspection Checklist

Inspector's Name: _____ Date: _____
Location/Worksite: _____ Equipment ID/Name: _____

1. Structural Integrity

- ☐ No visible cracks, rust, or structural damage
- ☐ Bolts, joints, and connections are secure
- ☐ Frames, booms, and outriggers are in good condition

2. Hydraulic Systems

- ☐ No leaks in hoses or hydraulic components
- ☐ Fluid levels are within safe range
- ☐ Hoses and fittings are in good condition

3. Brakes and Controls

- ☐ Brakes are responsive and functional
- ☐ Emergency stop buttons work properly
- ☐ Control panels and switches are operational

4. Load Capacity and Rigging

- ☐ Equipment is operating within rated capacity
- ☐ Chains, slings, and hooks are free of defects
- ☐ Load charts are available and legible

5. Operator Safety Measures

- ☐ Seat belts and safety harnesses are functional
- ☐ Warning alarms, horns, and lights are working
- ☐ Safety interlocks are operational

6. Worksite Conditions

- ☐ Ground is stable and suitable for operation
- ☐ Worksite is clear of obstructions and hazards
- ☐ Weather conditions are safe for operation

7. Documentation and Compliance

- ☐ Operator is certified and trained
- ☐ Maintenance logs are up-to-date
- ☐ Standard Operating Procedures (SOPs) are available

8. Comments/Issues Identified:

9. Corrective Actions Taken:

Inspector's Signature: _____ X Supervisor's Signature: _____ X