



### SOCCo Final Monthly Crane Inspection Checklist

OSHA and ASME allow only competent persons to perform shift and monthly inspections. The competent inspector must be capable of identifying existing and predictable hazards and take prompt corrective measures to eliminate them. Fall protection, where applicable, must be used at elevations above four (4) feet per OSHA 1926 and/or 1910.

|                         |
|-------------------------|
| MFG.                    |
| Serial#                 |
| Model#                  |
| Inspector<br>(operator) |

**Status:**  $\checkmark$  = satisfactory    X = Safety Hazard    M= Monitor the condition    N/A = Not Applicable

| Inspection Item                               | Status |  | Inspection Item                        | Status |
|---|--------|--|--|--------|
| <b>Pre-Operational</b>                        |        |  | <b>Safety Devices/Operational Aids</b> |        |
| 1. Ground conditions                          |        |  | 1. Anti - Two Block Device(s)          |        |
| 2. Level Crane Position                       |        |  | 2. LMI                                 |        |
| 3. Hydraulic Crane Level                      |        |  | 3. Boom Length Indicator               |        |
| 4. Tire Inflation/Condition                   |        |  | 4. Boom Angle Indicator                |        |
| 5. Air and Hydraulic Lines                    |        |  | 5. Radius Indicator                    |        |
| 6. Fluid levels                               |        |  | 6. Horn                                |        |
| <b>CABS</b>                                   |        |  | 7. Warning Lights/Alarms               |        |
| 1. Parking Brake                              |        |  | 8. Back Up Alarm                       |        |
| 2. Swing Brake/Lock                           |        |  | 9. Labels/Decals legible               |        |
| 3. Cab Windows                                |        |  | 10. Crane level indicator              |        |
| 4. Load Chart/ Manuals                        |        |  | <b>Structural Members</b>              |        |
| 5. Housekeeping                               |        |  | 1. Main Boom                           |        |
| <b>Fire Extinguisher</b>                      |        |  | 2. Boom Extension/Jib                  |        |
| 1. Located in cab or on the machinery housing |        |  | 3. Carrier                             |        |
| 2. Extinguisher is accessible                 |        |  | 4. Outriggers and beams                |        |
| 3. Gauge in green/ok position                 |        |  | 5. Outrigger pads                      |        |
| 4. Fullness determined by weight              |        |  | 6. Frame                               |        |
| 5. Complete monthly insp. Tag                 |        |  | 7. Upper housing                       |        |



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| Inspection Item                  | Status |
|----------------------------------|--------|
| <b>Functions</b>                 |        |
| 1. Travel                        |        |
| 2. Steering                      |        |
| 3. Deploy Outriggers/Level Crane |        |
| 4. Boom Up/Down                  |        |
| 5. Boom In/Out                   |        |
| 6. Hoist Up/Down                 |        |
| 7. Swing                         |        |
|                                  |        |

| Inspection Item                   | Status |
|-----------------------------------|--------|
| <b>Wire Rope</b>                  |        |
| 1. Main Hoist Rope                |        |
| 2. Auxiliary Hoist Rope           |        |
| 3. Standing Rope                  |        |
| 4. Sheaves and Retainers          |        |
| 5. End Connections                |        |
| 6. Wrapping on Drum(s)            |        |
| 7. Reeving                        |        |
| 8. Main Block Hook/Safety Latch   |        |
| 9. Aux. Ball Hook/Safety Latch    |        |
| 10. Boom extension/jib bracket(s) |        |

**Monthly Inspection Records must be maintained for a minimum of 3 months.**  
**Taking apart components is not required unless the final inspection or trial operation indicated it is needed.**  
**DO NOT operate crane until unsafe conditions are corrected.**

**Inspector/Operator**

**Comments:** \_\_\_\_\_  
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**Inspector/Operator Signature** \_\_\_\_\_ **Badge** \_\_\_\_\_ **Date** \_\_\_\_\_