Crane Pre-use Inspection

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Equipment: | | Capacity: | | | | | | | | | |
| Equipment number: | | Owner/Lessor | | | | | | | | | |
| Week ending: | | Shift: | | | Day | | | Night | | | |
| Operator: | | | | | | | | | | | |
| No | Item | | Mon | Tu | | We | Th | | Fr | St | Sun |
|  | Pre-operation inspection | |  |  | |  |  | |  |  |  |
| 1 | Engine oil Level | |  |  | |  |  | |  |  |  |
| 2 | Fuel Level | |  |  | |  |  | |  |  |  |
| 3 | Belts and water hoses | |  |  | |  |  | |  |  |  |
| 4 | Engine Coolant | |  |  | |  |  | |  |  |  |
| 5 | Air Tanks | |  |  | |  |  | |  |  |  |
| 6 | Brake operation | |  |  | |  |  | |  |  |  |
| 7 | Lights | |  |  | |  |  | |  |  |  |
| 8 | Window/Glass in good condition | |  |  | |  |  | |  |  |  |
| 9 | Control mechanisms to ensure proper operation | |  |  | |  |  | |  |  |  |
| 10 | Deterioration or leaking lines or hoses | |  |  | |  |  | |  |  |  |
| 11 | Hooks and latches for damage and wear | |  |  | |  |  | |  |  |  |
|  | | | | | | | | | | | |
|  | Power Plant | |  |  | |  |  | |  |  |  |
| 1 | Start engine and warm up | |  |  | |  |  | |  |  |  |
| 2 | Check out all instruments | |  |  | |  |  | |  |  |  |
|  | | | | | | | | | | | |
|  | Hoisting Mechanism | |  |  | |  |  | |  |  |  |
| 1 | Set outriggers | |  |  | |  |  | |  |  |  |
| 2 | Check boom operations: up, down, left, right | |  |  | |  |  | |  |  |  |
| 3 | Check air pressure on air operated units | |  |  | |  |  | |  |  |  |
| 4 | Check brakes | |  |  | |  |  | |  |  |  |
| 5 | Load indicating, anti-two-block warning and damage prevention systems per MFG’s written instructions | |  |  | |  |  | |  |  |  |
| 6 | Boom angle/radius indicator | |  |  | |  |  | |  |  |  |
|  | | | | | | | | | | | |
|  | Travel Mechanisms | |  |  | |  |  | |  |  |  |
| 1 | Test brakes | |  |  | |  |  | |  |  |  |
| 2 | Back up alarms | |  |  | |  |  | |  |  |  |
| 3 | Turn signals, lights, horn | |  |  | |  |  | |  |  |  |
|  | | | | | | | | | | | |
|  | Equipment | |  |  | |  |  | |  |  |  |
| 1 | Fire extinguisher | |  |  | |  |  | |  |  |  |
| 2 | Operator’s Manual & Load Chart | |  |  | |  |  | |  |  |  |

Inspector signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_

Has the equipment been deemed safe to operate? Yes No

Repair Request Date:\_\_\_\_\_\_\_\_\_\_ Repairs Completion Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_