

PM Final Checklist Example - Articulated Arm, Derricks, Cranes and Equipment

Unit #: _____ Type Inspection: _____ Mileage:

Performed by: _____ Hours:

Make & Model: _____ Serial#: _____

Date inspection was completed: _____

By: _____ WO#: _____

Dielectric test sticker current: _____ (Required twice a year)

Hydraulic Drive

- 1. Power Take Off: Operation ___ Leaks ___
- 2. Drive Line to Pump: U Joints ___ Shafts ___ Piggy Back
- 3. Hydraulic Pump: Noisy ___ Oil Leaks ___
- 4. Pump Shaft: Piggy Back hydraulic pump/PTO ___

Note: R/R Pump PM-G use anti-seize on shaft & PTO

- 5. Oil Filter: Change on G-PM only ___ Leaks ___
Clean ___ Clean Strainer ___

- 6. Hose and Fittings Under Chassis: Leaks, chaffing and dry rot ___

Upper & Lower Control System

- 1. Control Valves: Leaks ___ Direction Operation ___
Control Action: Linkage Wear ___
- 2. Hoses and Connections: Leaks, chaffing and dry rot ___
- 3. Lubricate Upper Control Hood "U" cup on every 90 E/F Inspection ___

Pedestal

1. Structural Condition: ___
2. Mounting Bolts: ___
3. Outriggers: Leaks ___ Fittings and Hoses ___ Holding Valves ___
Pivot Pins ___ Warning Alarm ___
4. Pins and Bushings ___
5. EMG Pump if equipped: Operation ___ Leaks ___
6. Decals: ___

Articulation Mechanism Assembly

1. Collector Block: Leaks ___ Fittings & Hoses ___
2. Rotating Drive: Leaks ___ Oil level backlash ___ Holding Valves ___ Pivot Pins ___
3. Mast Head: Pivot Pins ___ Mast Bearings ___
4. Pins and Bushings ___
5. Chain condition sprockets ___
6. Cable condition sheaves ___

Upper & Lower Boom Cylinder

Upper & Lower Boom

1. Structural Condition: Cracks ___ Cleanliness ___ Fiberglass Insert ___
2. Steel to Fiberglass Connection: Cleanliness ___ Cracks ___
3. Decals/Boom Rest Condition: ___
4. Boom Tie Down Condition: ___

Basket

1. Inspect Basket for Damage: ___

2. Basket Shaft: Cleanliness ___ Safety attachments ___
3. Baskets: Swivel device ___ Rotator ___ Dump Operations ___
4. Danger High Voltage Stickers (Warning): ___
5. Boom Rest Condition: ___ Bucket Capacity Markings/Sticker/Dump or Non-Dump ___

Leveling System

1. Chain Condition: ___ Sprockets ___
2. Cable Condition: ___ Sheaves ___
3. Cable or Chain Attachments: ___
4. Hydraulic Cylinder Leaks: ___

Accessory Equipment

1. Chain Condition: Leaks ___ Hoses & Fittings: Leaks ___
2. Reel Operation: Leaks ___ Hose Chaffing: ___
3. Stinger 2nd or 3rd Manual/Hydraulic Boom:
Leaks ___ Operation ___
Hoses and Fittings ___ Holding Valve ___
Fiberglass Condition ___ Cracks ___ Load Charts ___
Boom Angle Indicators ___ Boom Wear Pads ___
Rollers ___
Pole Claws: Linkage Lube ___ Damage ___ Leaks ___

Final Testing

1. Throttle Control: Electric/Air- Leaks ___ Operation ___

Recommendations of Inspector _____

Note: Attach complete form to Work Order.