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.