MAINTAINER CRANE INSPECTION LOG

| YEAR OF INSPECTIONS | |
|---------------------|--|
| CRANE MODEL | |
| CRANE SERIAL NO. | |
| TYPE OF CHASSIS | |
| CHASSIS VIN. NO. | |

MAINTAINER CORP. OF IOWA

P.O. BOX 349, 1701 South 2nd Avenue SHELDON, IOWA 51201 Ph.800-831-8588 FAX 712-324 3526

WARNING

Neglecting to follow the checklists, manuals and performance appraisals that pertain to this crane and supporting equipment may result in damage to the crane and/or vehicle, or DEATH or SERIOUS INJURY to the operator and/or others nearby.

WARNING

Welding or modification of the crane is strictly prohibited unless permission is obtained in writing from Maintainer Corp. of Iowa Inc. Any welding performed on the crane must be done by a certified welder. Cranes are an important part of service truck functionality. The safety of the operator and being able to handle lifted materials without damage depend on having the crane in good condition. An effective inspection program helps to insure that the crane is in good working condition before being used.

OSHA is the governmental entity having regulatory jurisdiction over the type of crane manufactured by Maintainer and installed on Maintainer service bodies. In the regulations, inspections are classified into categories of initial inspection and regular inspection. Regular inspections are further classified into categories of frequent and periodic categories (and a special category for cranes not in regular use).

Initial inspection must be done before the crane is put in service. Certified inspectors perform initial inspection on all cranes built and installed by Maintainer Corporation before they leave the factory.

Frequent inspection ranges from daily to monthly intervals. The components or systems in this classification include, but are not limited to, control mechanism adjustment and wear, safety devices, air and hydraulic systems, crane hook, wire rope reeving and electrical apparatus function.

Periodic inspection ranges from monthly to yearly intervals. The additional components or systems in this classification include, but are not limited to, structural members, fasteners, sheaves, pins, brakes and clutches, indicator accuracy and power plant (chassis) systems.

The employer (crane owner) is responsible to keep records of the inspections done. The record should include the date the crane items were inspected, the signature of the person who inspected the crane items, and the serial number (or other identifying number) for the crane inspected.

This Maintainer Crane Inspection Log is designed as a convenient and precise way of recording maintenance, inspections, tests and repairs made to your crane as part of the <u>frequent</u> inspection requirement. Use this log to keep an accurate machine history and as a way to keep your crane in a safe operating condition. This log should be considered to be a permanent record associated with the crane and should be transferred to any new owner of the crane. The log should also be available to any state, federal or local inspectors responsible for enforcing compliance codes that are applicable to your equipment.

This log provides charts for daily, weekly and monthly inspections, a table for recording lubrication and maintenance performed on a scheduled or unscheduled basis as well as recording any accidental crane damage and repairs made due to the damage.

INSTRUCTIONS FOR INSPECTION LOG USE

Turn to the appropriate monthly section for the time period in which the inspections are occurring. Mark each area with either a " $\sqrt{}$ ", "**R**", or "**X**".

" $\sqrt{}$ "- (Satisfactory) Area is suitable for operation.

- "R"- Area is acceptable for operation but some form of corrective action is (Recommended)
- "X"- (Deficient) Corrective action is mandatory. Area is in need of repair and unacceptable for operation, remove from service immediately.

PERIODIC INSPECTION

Complete inspections of the crane shall be performed by a qualified person at intervals no greater than 12 months or more frequently depending on the crane's activity, severity of service and environment. The results of these inspections should also be considered to be a permanent record associated with the crane and should be transferred to any new owner of the crane. It is recommended that the crane have an inspection decal attached reflecting the most recent inspection date.

| January | Daily Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 3 | 30 | 31 |
|-----------------------|---------------------------------|-----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|----|----|
| All load charts, safe | ety, warning & control labels a | re present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices fund | ction properly (signal horn, A- | T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and gua | rds securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety la | atch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher a | ccessible and properly charge | d | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and co | onnecting pins in place and se | ecure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure fre | e from damage, no cracked o | r bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure | free from damage, no cracke | d or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is proper | ly reeved onto sheaves and w | vinch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system o | il level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control va | alve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system h | oses free from leaks, cuts, an | d excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical conne | ctions secure, free from corro | sion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane co | ontrol pendant functions opera | ting properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane a | nd outrigger controls operating | g properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil | level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coo | plant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressu | re in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is fu | nctional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and ba | ck up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| January | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|---------------------|--------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | | | | | | | |
| Slewing drive bac | klash is not excessive | | | | | | |
| Load hook openir | ng is within specification | | | | | | |
| Hydraulic return li | ne filter clogging indicator is in operati | onal range | | | | | |
| Hydraulic system | holding valves are functional (boom, e | extend, outrigger cyl.) | | | | | |
| Chassis electrical | charging system is functional | | | | | | |
| Chassis batteries | are in good operating condition | | | | | | |
| Chassis transmis | sion fluid level is within operating rang | e | | | | | |
| PTO engages pro | perly and operating noise level hasn't | changed | | | | | |
| Load line / wire ro | pe is free from kinks and bends | | | | | | |
| Operation manua | l is with unit | | | | | | |
| | | Initials: | | | | | |

| January | Monthly Inspection | Date: | Signature: |
|-------------------------------------|-------------------------------------|----------------------|---------------------------------------------------|
| Daily Inspection | | Hydraulic system | pump pressures are within specification |
| Weekly Inspection | | Hydraulic pump is | s free from leaks and sound level is normal |
| All lubrication and fluid replacen | nent schedules are current | Hydraulic motors | are free from leaks and sound level is normal |
| Overload protection system trigg | ger values are within specification | Crane mounting fa | asteners are tightened to proper torque |
| Load line / wire rope is free from | h broken strands and rust | Slewing bearing n | nounting fasteners are tightened to proper torque |
| Wire rope sheaves are not worn | beyond allowable limits | All hydraulic cyline | der rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free fi | rom leaks | All hydraulic cyline | der mounting pins are secure & in good condition |
| Boom extension wear pads are | not worn beyond allowable limits | All hydraulic cyline | der pin bosses are free from excessive wear |
| Winch brake is properly adjusted | d and operational | Winch drive lubric | cation level in operating range |
| Slewing drive lubrication level in | operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| February Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------|----|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \neg | | |

| February | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|-----------------------|---------------------------------------------|------------------------|---|---|---|---|---|
| Daily Inspection | | | | | | | |
| Slewing drive back | lash is not excessive | | | | | | |
| Load hook opening | is within specification | | | | | | |
| Hydraulic return line | e filter clogging indicator is in operation | onal range | | | | | |
| Hydraulic system h | olding valves are functional (boom, e | xtend, outrigger cyl.) | | | | | |
| Chassis electrical of | charging system is functional | | | | | | |
| Chassis batteries a | re in good operating condition | | | | | | |
| Chassis transmissi | on fluid level is within operating range | 9 | | | | | |
| PTO engages prop | erly and operating noise level hasn't | changed | | | | | |
| Load line / wire rop | e is free from kinks and bends | | | | | | |
| Operation manual i | s with unit | | | | | | |
| | | Initials: | | | | | |

| February | Monthly Inspection | Date: Signature: | |
|-----------------------------|---------------------------------------------|---------------------------------------------------------------------|--|
| Daily Inspection | | Hydraulic system pump pressures are within specification | |
| Weekly Inspection | | Hydraulic pump is free from leaks and sound level is normal | |
| All lubrication and fluid r | eplacement schedules are current | Hydraulic motors are free from leaks and sound level is normal | |
| Overload protection syst | tem trigger values are within specification | Crane mounting fasteners are tightened to proper torque | |
| Load line / wire rope is f | ree from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque | |
| Wire rope sheaves are r | not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring | |
| All hydraulic cylinders a | re free from leaks | All hydraulic cylinder mounting pins are secure & in good condition | |
| Boom extension wear pa | ads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear | |
| Winch brake is properly | adjusted and operational | Winch drive lubrication level in operating range | |
| Slewing drive lubrication | level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| March Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| March | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|------------------|---------------------------------------------|----------------------------|---|---|---|---|---|
| Daily Inspection | วท | | | | | | |
| Slewing drive | backlash is not excessive | | | | | | |
| Load hook op | ening is within specification | | | | | | |
| Hydraulic retu | rn line filter clogging indicator is in ope | rational range | | | | | |
| Hydraulic syst | em holding valves are functional (boor | n, extend, outrigger cyl.) | | | | | |
| Chassis electi | rical charging system is functional | | | | | | |
| Chassis batte | ries are in good operating condition | | | | | | |
| Chassis trans | mission fluid level is within operating ra | inge | | | | | |
| PTO engages | properly and operating noise level has | n't changed | | | | | |
| Load line / wir | e rope is free from kinks and bends | | | | | | |
| Operation ma | nual is with unit | | | | | | |
| | | Initials: | | | | | |

| March | Monthly Inspection | Date: Signature: | |
|-----------------------|--------------------------------------------------|--------------------------------------------------------------------|-----|
| Daily Inspection | | Hydraulic system pump pressures are within specification | |
| Weekly Inspection | | Hydraulic pump is free from leaks and sound level is normal | |
| All lubrication and f | fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal | |
| Overload protection | n system trigger values are within specification | Crane mounting fasteners are tightened to proper torque | |
| Load line / wire rop | e is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torc | lne |
| Wire rope sheaves | are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring | 3 |
| All hydraulic cylinde | ers are free from leaks | All hydraulic cylinder mounting pins are secure & in good condit | ion |
| Boom extension we | ear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear | |
| Winch brake is pro | perly adjusted and operational | Winch drive lubrication level in operating range | |
| Slewing drive lubric | cation level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| April Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 3 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | |

| April | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|---------------|-----------------------------------------------|----------------------------|---|---|---|---|---|
| Daily Inspect | tion | | | | | | |
| Slewing drive | e backlash is not excessive | | | | | | |
| Load hook o | pening is within specification | | | | | | |
| Hydraulic ret | turn line filter clogging indicator is in ope | rational range | | | | | |
| Hydraulic sys | stem holding valves are functional (boor | n, extend, outrigger cyl.) | | | | | |
| Chassis elec | ctrical charging system is functional | | | | | | |
| Chassis batt | eries are in good operating condition | | | | | | |
| Chassis tran | smission fluid level is within operating ra | ange | | | | | |
| PTO engage | es properly and operating noise level has | n't changed | | | | | |
| Load line / w | ire rope is free from kinks and bends | | | | | | |
| Operation m | anual is with unit | | | | | | |
| | | Initials: | | | | | |

| April | Monthly Inspection | Date: Signature: | |
|---------------------|---------------------------------------------------|---------------------------------------------------------------------|--|
| Daily Inspection | | Hydraulic system pump pressures are within specification | |
| Weekly Inspectio | n | Hydraulic pump is free from leaks and sound level is normal | |
| All lubrication and | d fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal | |
| Overload protecti | on system trigger values are within specification | Crane mounting fasteners are tightened to proper torque | |
| Load line / wire ro | ope is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque | |
| Wire rope sheave | es are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring | |
| All hydraulic cylin | ders are free from leaks | All hydraulic cylinder mounting pins are secure & in good condition | |
| Boom extension v | wear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear | |
| Winch brake is pr | roperly adjusted and operational | Winch drive lubrication level in operating range | |
| Slewing drive lub | rication level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| Мау | Daily Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
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| All load charts, sat | ety, warning & control labels a | are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices fun | ction properly (signal horn, A- | T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and gua | ards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety I | atch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher a | ccessible and properly charge | ed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and c | connecting pins in place and se | ecure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure fre | e from damage, no cracked o | r bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Outrigger structure | e free from damage, no cracke | ed or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is prope | rly reeved onto sheaves and v | vinch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Hydraulic system | oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Hydraulic control v | alve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system I | noses free from leaks, cuts, ar | nd excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical conne | ections secure, free from corro | sion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| All remote crane c | ontrol pendant functions opera | ating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane a | ind outrigger controls operating | g properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Chassis engine oil | level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine co | olant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Chassis tire press | ure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is fu | inctional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | l |
| Horn, lights and ba | ack up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Мау | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|------------------|------------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | on | | | | | | |
| Slewing drive | backlash is not excessive | | | | | | |
| Load hook ope | ening is within specification | | | | | | |
| Hydraulic retu | rn line filter clogging indicator is in operat | tional range | | | | | |
| Hydraulic syst | em holding valves are functional (boom, | extend, outrigger cyl.) | | | | | |
| Chassis electr | ical charging system is functional | | | | | | |
| Chassis batter | ries are in good operating condition | | | | | | |
| Chassis transi | mission fluid level is within operating rang | ge | | | | | |
| PTO engages | properly and operating noise level hasn' | t changed | | | | | |
| Load line / wir | e rope is free from kinks and bends | | | | | | |
| Operation man | nual is with unit | | | | | | |
| | | Initials: | | | | | |

| Мау | Monthly Inspection | Date: Signature: | |
|---------------------|---------------------------------------------------|--------------------------------------------------------------------|---|
| Daily Inspection | | Hydraulic system pump pressures are within specification | |
| Weekly Inspectio | n | Hydraulic pump is free from leaks and sound level is normal | |
| All lubrication and | d fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal | |
| Overload protecti | on system trigger values are within specification | Crane mounting fasteners are tightened to proper torque | |
| Load line / wire ro | ope is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torqu | е |
| Wire rope sheave | es are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring | |
| All hydraulic cylin | ders are free from leaks | All hydraulic cylinder mounting pins are secure & in good conditio | n |
| Boom extension v | wear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear | |
| Winch brake is pr | roperly adjusted and operational | Winch drive lubrication level in operating range | |
| Slewing drive lub | rication level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| June | Daily Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 3 | 30 | 31 |
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| All load charts, sat | fety, warning & control labels a | are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices fun | ction properly (signal horn, A- | T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and gua | ards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety l | atch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher a | ccessible and properly charge | ed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and o | connecting pins in place and s | ecure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure fre | e from damage, no cracked o | r bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure | e free from damage, no cracke | ed or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is prope | rly reeved onto sheaves and v | vinch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system | oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control v | alve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system | noses free from leaks, cuts, ar | nd excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical conne | ections secure, free from corro | sion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane c | ontrol pendant functions opera | ating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane a | and outrigger controls operatin | g properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil | level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine co | olant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire press | ure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is fu | Inctional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and ba | ack up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| June | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|------------------|-----------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | n | | | | | | |
| Slewing drive | backlash is not excessive | | | | | | |
| Load hook ope | ening is within specification | | | | | | |
| Hydraulic retu | rn line filter clogging indicator is in opera | tional range | | | | | |
| Hydraulic syst | em holding valves are functional (boom, | extend, outrigger cyl.) | | | | | |
| Chassis electr | ical charging system is functional | | | | | | |
| Chassis batter | ies are in good operating condition | | | | | | |
| Chassis transr | mission fluid level is within operating ran | ge | | | | | |
| PTO engages | properly and operating noise level hasn | 't changed | | | | | |
| Load line / wire | e rope is free from kinks and bends | | | | | | |
| Operation mar | nual is with unit | | | | | | |
| | | Initials: | | | | | |

| June Monthly Inspection | Date: Signature: |
|--------------------------------------------------------------------|---------------------------------------------------------------------|
| Daily Inspection | Hydraulic system pump pressures are within specification |
| Weekly Inspection | Hydraulic pump is free from leaks and sound level is normal |
| All lubrication and fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal |
| Overload protection system trigger values are within specification | Crane mounting fasteners are tightened to proper torque |
| Load line / wire rope is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque |
| Wire rope sheaves are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free from leaks | All hydraulic cylinder mounting pins are secure & in good condition |
| Boom extension wear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear |
| Winch brake is properly adjusted and operational | Winch drive lubrication level in operating range |
| Slewing drive lubrication level in operating range | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| July Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 3 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|------|-----------|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | | |

| July | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|---------------|----------------------------------------------|----------------------------|---|---|---|---|---|
| Daily Inspec | tion | | | | | | |
| Slewing drive | e backlash is not excessive | | | | | | |
| Load hook o | pening is within specification | | | | | | |
| Hydraulic ret | urn line filter clogging indicator is in ope | erational range | | | | | |
| Hydraulic sy | stem holding valves are functional (boo | m, extend, outrigger cyl.) | | | | | |
| Chassis elec | trical charging system is functional | | | | | | |
| Chassis batt | eries are in good operating condition | | | | | | |
| Chassis tran | smission fluid level is within operating r | ange | | | | | |
| PTO engage | es properly and operating noise level has | sn't changed | | | | | |
| Load line / w | ire rope is free from kinks and bends | | | | | | |
| Operation m | anual is with unit | | | | | | |
| | | Initials: | | | | | |

| July | Monthly Inspection | Date: | Signature: |
|----------------------|---------------------------------------------------|-------------------------|-------------------------------------------------|
| Daily Inspection | | Hydraulic system pur | mp pressures are within specification |
| Weekly Inspection | 1 | Hydraulic pump is fre | ee from leaks and sound level is normal |
| All lubrication and | fluid replacement schedules are current | Hydraulic motors are | e free from leaks and sound level is normal |
| Overload protection | on system trigger values are within specification | Crane mounting faste | eners are tightened to proper torque |
| Load line / wire ro | pe is free from broken strands and rust | Slewing bearing mou | unting fasteners are tightened to proper torque |
| Wire rope sheave | s are not worn beyond allowable limits | All hydraulic cylinder | rods are free from nicks, dents and scoring |
| All hydraulic cylind | lers are free from leaks | All hydraulic cylinder | mounting pins are secure & in good condition |
| Boom extension w | vear pads are not worn beyond allowable limits | All hydraulic cylinder | pin bosses are free from excessive wear |
| Winch brake is pro | operly adjusted and operational | Winch drive lubrication | on level in operating range |
| Slewing drive lubr | cation level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| August | Daily Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|----------------------|---------------------------------|-----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|
| All load charts, saf | ety, warning & control labels a | are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices fun | ction properly (signal horn, A- | T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and gua | rds securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety la | atch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher a | ccessible and properly charge | d | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and c | onnecting pins in place and se | ecure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure fre | e from damage, no cracked o | r bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure | free from damage, no cracke | d or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is prope | rly reeved onto sheaves and v | vinch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system of | il level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control v | alve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system h | oses free from leaks, cuts, ar | nd excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical conne | ctions secure, free from corro | sion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane co | ontrol pendant functions opera | ating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane a | nd outrigger controls operating | g properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine oil | level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine co | plant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressu | ire in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is fu | nctional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and ba | ck up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| August | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|------------------|----------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | 1 | | | | | | |
| Slewing drive ba | acklash is not excessive | | | | | | |
| Load hook oper | ning is within specification | | | | | | |
| Hydraulic return | n line filter clogging indicator is in opera | tional range | | | | | |
| Hydraulic syster | m holding valves are functional (boom, | extend, outrigger cyl.) | | | | | |
| Chassis electric | al charging system is functional | | | | | | |
| Chassis batterie | es are in good operating condition | | | | | | |
| Chassis transm | ission fluid level is within operating range | ge | | | | | |
| PTO engages p | properly and operating noise level hasn' | t changed | | | | | |
| Load line / wire | rope is free from kinks and bends | | | | | | |
| Operation manu | ual is with unit | | | | | | |
| | | Initials: | | | | | |

| August | Monthly Inspection | Date: | Signature: |
|--------------------------|------------------------------------------------|--------------------------|------------------------------------------------|
| Daily Inspection | | Hydraulic system purr | np pressures are within specification |
| Weekly Inspection | | Hydraulic pump is free | e from leaks and sound level is normal |
| All lubrication and flui | id replacement schedules are current | Hydraulic motors are f | free from leaks and sound level is normal |
| Overload protection s | system trigger values are within specification | Crane mounting faster | ners are tightened to proper torque |
| Load line / wire rope | is free from broken strands and rust | Slewing bearing mour | nting fasteners are tightened to proper torque |
| Wire rope sheaves a | re not worn beyond allowable limits | All hydraulic cylinder r | rods are free from nicks, dents and scoring |
| All hydraulic cylinders | s are free from leaks | All hydraulic cylinder r | mounting pins are secure & in good condition |
| Boom extension wea | r pads are not worn beyond allowable limits | All hydraulic cylinder p | pin bosses are free from excessive wear |
| Winch brake is prope | rly adjusted and operational | Winch drive lubrication | n level in operating range |
| Slewing drive lubricat | tion level in operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| September | Daily Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|----------------------------|--------------------------------|------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|
| All load charts, safety, w | arning & control labels are p | resent & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function | properly (signal horn, A-T-B, | level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| All shields and guards so | ecurely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch p | resent and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fire extinguisher access | ible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| All fasteners and connect | ting pins in place and secure | e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from | n damage, no cracked or ber | nt parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free | from damage, no cracked or | bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly ree | eved onto sheaves and winch | n drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil leve | el in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve f | ree from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses | free from leaks, cuts, and ex | cessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections | s secure, free from corrosion | & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control | pendant functions operating | properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and ou | trigger controls operating pro | operly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine oil level | in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant | evel in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
| Chassis tire pressure in | operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is function | nal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
| Horn, lights and back up | alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
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| | | Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| September | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|-----------------------|-------------------------------------------|------------------------|---|---|---|---|---|
| Daily Inspection | | | | | | | |
| Slewing drive backla | ash is not excessive | | | | | | |
| Load hook opening | is within specification | | | | | | |
| Hydraulic return line | filter clogging indicator is in operation | onal range | | | | | |
| Hydraulic system ho | olding valves are functional (boom, e | xtend, outrigger cyl.) | | | | | |
| Chassis electrical cl | harging system is functional | | | | | | |
| Chassis batteries ar | e in good operating condition | | | | | | |
| Chassis transmissio | on fluid level is within operating range | 9 | | | | | |
| PTO engages prope | erly and operating noise level hasn't o | changed | | | | | |
| Load line / wire rope | e is free from kinks and bends | | | | | | |
| Operation manual is | s with unit | | | | | | |
| | | Initials: | | | | | |

| September | Monthly Inspection | Date: | Signature: |
|--------------------------------------|------------------------------------|-----------------------|--------------------------------------------------|
| Daily Inspection | | Hydraulic system p | pump pressures are within specification |
| Weekly Inspection | | Hydraulic pump is | free from leaks and sound level is normal |
| All lubrication and fluid replaceme | ent schedules are current | Hydraulic motors a | re free from leaks and sound level is normal |
| Overload protection system trigge | er values are within specification | Crane mounting fas | steners are tightened to proper torque |
| Load line / wire rope is free from b | proken strands and rust | Slewing bearing me | ounting fasteners are tightened to proper torque |
| Wire rope sheaves are not worn b | beyond allowable limits | All hydraulic cylinde | er rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free fro | m leaks | All hydraulic cylinde | er mounting pins are secure & in good condition |
| Boom extension wear pads are no | ot worn beyond allowable limits | All hydraulic cylinde | er pin bosses are free from excessive wear |
| Winch brake is properly adjusted | and operational | Winch drive lubrica | ation level in operating range |
| Slewing drive lubrication level in c | operating range | | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| October Dail | y Inspections | Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 2 | 22 | 23 2 | 4 2 | 5 26 | 27 | 7 28 | 29 | 30 | 31 |
|-------------------------------|-------------------------|-----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|------|----|------|-----|------|----|------|----|----|----|
| All load charts, safety, warn | ing & control labels ar | e present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function prop | perly (signal horn, A-T | -B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards secu | rely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch pres | ent and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher accessible | and properly charged | ł | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting | g pins in place and se | cure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from da | amage, no cracked or | bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from | n damage, no cracked | d or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved | d onto sheaves and w | inch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in | operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free | from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free | e from leaks, cuts, and | d excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections se | cure, free from corros | sion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control per | idant functions operat | ting properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrig | ger controls operating | properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine oil level in o | perating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant leve | I in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in ope | rating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up ala | rm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| October | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|---------------------|----------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | | | | | | | |
| Slewing drive bac | klash is not excessive | | | | | | |
| Load hook openir | ng is within specification | | | | | | |
| Hydraulic return li | ne filter clogging indicator is in operation | ional range | | | | | |
| Hydraulic system | holding valves are functional (boom, e | extend, outrigger cyl.) | | | | | |
| Chassis electrica | I charging system is functional | | | | | | |
| Chassis batteries | are in good operating condition | | | | | | |
| Chassis transmis | sion fluid level is within operating rang | e | | | | | |
| PTO engages pro | pperly and operating noise level hasn't | changed | | | | | |
| Load line / wire ro | ppe is free from kinks and bends | | | | | | |
| Operation manua | l is with unit | | | | | | |
| | | Initials: | | | | | |

| October | Monthly Inspection | Date: Signature: |
|-----------------------------------|--------------------------------------|---------------------------------------------------------------------|
| Daily Inspection | | Hydraulic system pump pressures are within specification |
| Weekly Inspection | | Hydraulic pump is free from leaks and sound level is normal |
| All lubrication and fluid replace | ment schedules are current | Hydraulic motors are free from leaks and sound level is normal |
| Overload protection system trig | gger values are within specification | Crane mounting fasteners are tightened to proper torque |
| Load line / wire rope is free fro | m broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque |
| Wire rope sheaves are not wor | rn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free | from leaks | All hydraulic cylinder mounting pins are secure & in good condition |
| Boom extension wear pads are | e not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear |
| Winch brake is properly adjust | ed and operational | Winch drive lubrication level in operating range |
| Slewing drive lubrication level i | in operating range | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| November Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|-----|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | i l | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| November | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
|----------------------|----------------------------------------------|-------------------------|---|---|---|---|---|
| Daily Inspection | | | | | | | |
| Slewing drive back | clash is not excessive | | | | | | |
| Load hook opening | g is within specification | | | | | | |
| Hydraulic return lin | ne filter clogging indicator is in operation | ional range | | | | | |
| Hydraulic system h | nolding valves are functional (boom, e | extend, outrigger cyl.) | | | | | |
| Chassis electrical | charging system is functional | | | | | | |
| Chassis batteries a | are in good operating condition | | | | | | |
| Chassis transmiss | ion fluid level is within operating rang | e | | | | | |
| PTO engages prop | perly and operating noise level hasn't | changed | | | | | |
| Load line / wire rop | be is free from kinks and bends | | | | | | |
| Operation manual | is with unit | | | | | | |
| | | Initials: | | | | | |

| November Monthly Inspection | Date: Signature: |
|--------------------------------------------------------------------|---------------------------------------------------------------------|
| Daily Inspection | Hydraulic system pump pressures are within specification |
| Weekly Inspection | Hydraulic pump is free from leaks and sound level is normal |
| All lubrication and fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal |
| Overload protection system trigger values are within specification | Crane mounting fasteners are tightened to proper torque |
| Load line / wire rope is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque |
| Wire rope sheaves are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free from leaks | All hydraulic cylinder mounting pins are secure & in good condition |
| Boom extension wear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear |
| Winch brake is properly adjusted and operational | Winch drive lubrication level in operating range |
| Slewing drive lubrication level in operating range | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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| December Daily Inspections Date | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 2 | 29 | 30 | 31 |
|-------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|
| All load charts, safety, warning & control labels are present & legible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety devices function properly (signal horn, A-T-B, level indicator) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All shields and guards securely in place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load hook safety latch present and functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire extinguisher accessible and properly charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All fasteners and connecting pins in place and secure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outrigger structure free from damage, no cracked or bent parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire rope is properly reeved onto sheaves and winch drum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic control valve free from leaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic system hoses free from leaks, cuts, and excessive wear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All electrical connections secure, free from corrosion & broken strands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All remote crane control pendant functions operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All manual crane and outrigger controls operating properly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Chassis engine oil level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis engine coolant level in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chassis tire pressure in operating range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parking brake is functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horn, lights and back up alarm are functional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Initials: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| December | Weekly Inspections | Week No. | 1 | 2 | 3 | 4 | 5 |
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| Daily Inspection | | | | | | | |
| Slewing drive back | lash is not excessive | | | | | | |
| Load hook opening | g is within specification | | | | | | |
| Hydraulic return lin | e filter clogging indicator is in operat | ional range | | | | | |
| Hydraulic system h | nolding valves are functional (boom, e | extend, outrigger cyl.) | | | | | |
| Chassis electrical | charging system is functional | | | | | | |
| Chassis batteries a | are in good operating condition | | | | | | |
| Chassis transmiss | ion fluid level is within operating rang | je | | | | | |
| PTO engages prop | perly and operating noise level hasn't | changed | | | | | |
| Load line / wire rop | e is free from kinks and bends | | | | | | |
| Operation manual | is with unit | | | | | | |
| | | Initials: | | | | | |

| December Monthly Inspection | Date: Signature: |
|--------------------------------------------------------------------|---------------------------------------------------------------------|
| Daily Inspection | Hydraulic system pump pressures are within specification |
| Weekly Inspection | Hydraulic pump is free from leaks and sound level is normal |
| All lubrication and fluid replacement schedules are current | Hydraulic motors are free from leaks and sound level is normal |
| Overload protection system trigger values are within specification | Crane mounting fasteners are tightened to proper torque |
| Load line / wire rope is free from broken strands and rust | Slewing bearing mounting fasteners are tightened to proper torque |
| Wire rope sheaves are not worn beyond allowable limits | All hydraulic cylinder rods are free from nicks, dents and scoring |
| All hydraulic cylinders are free from leaks | All hydraulic cylinder mounting pins are secure & in good condition |
| Boom extension wear pads are not worn beyond allowable limits | All hydraulic cylinder pin bosses are free from excessive wear |
| Winch brake is properly adjusted and operational | Winch drive lubrication level in operating range |
| Slewing drive lubrication level in operating range | |

| Date | Signature | Maintenance, lubrication or repair operation performed: | (S)cheduled/ (U)nscheduled | Hours |
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