MAINTENANCE & INSPECTION LOG

MECHANIC TRUCK

DAILY • MONTHLY • QUARTERLY • ANNUAL



Stellar Industries
(641) 923-3741
Toll Free (800) 321-3741
www.stellarindustries.com

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PN 110710
REV. 09/21/2026

Mechanic Truck Inspection Log

This log is for recording daily, monthly, quarterly, and annual inspections. Each inspection should be marked with a “check” for passing or an “x” for failure requiring a corrective action. At the end of this log, you will find a series of pages intended to document all the items that required corrective action. Note: Please refer to the corresponding Owner’s Manuals for additional information regarding the service of this equipment.

Body Serial:

Crane Serial:

Air Compressor Serial:

For Technical Questions, Information, Parts, or Warranty, Call Toll-Free at

800-321-3741

Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m. CST

Or email at the following addresses:

Technical Questions, and Information:	service@stellarindustries.com
Order Parts:	parts@stellarindustries.com
Warranty Information:	warranty@stellarindustries.com

Mechanic Truck Inspection Log

Daily and monthly inspections are to be performed by a “designated” person, who has been selected by the employer or the employer’s representative as being competent to perform specific duties.

Quarterly and annual inspections are to be performed by a “qualified” person who, by possession of a recognized degree in an applicable field or certificate of professional standing, or who, by extensive knowledge, training and experience has successfully demonstrated the ability to solve or resolve problems related to the subject matter and work.

One hour of normal crane operation assumes 20 complete cycles per hour. If operation exceeds 20 cycles per hour, inspection frequency should be increased accordingly.

Consult the corresponding Owner’s Manual for additional inspection items.

Before inspecting and operating the crane, make certain that the crane is set up away from power lines and leveled with stabilizers fully extended.

Daily: Before each day of operation, those items on the Daily Inspection sheet must be inspected and recorded.

Monthly: Monthly inspections or 100 hours of normal operation (which ever comes first) includes all daily and monthly inspection items plus items designated on the Monthly Inspection sheet. This inspection must be recorded.

Quarterly: Every three months or 300 hours of normal operation (which ever comes first) includes all daily and monthly inspection items plus items designated on the Quarterly Inpsection sheet. This inspection must be recorded.

Annual: Each year or 1200 hours of normal operation (which ever comes first) includes all items on this form which encompasses daily, monthly, and quarterly inspections plus those items designated on the Annual Inspection sheet. This inspection must be recorded.

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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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Air Compressor	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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Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

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Daily Mechanic Truck Inspection Part 2 of 2

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Air Compressor	**Pass/Fail**
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Month:_____ Year:_____

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Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

1st Quarterly Mechanic Truck Inspection

Part 1 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
All monthly inspections	
Rotation bearing for proper torque of all mounting bolts	
Grease worm drive bearings	
Base mounting bolts for proper torque	
All structural members for deformation, cracks & corrosion	
Base	
Stabilizer beams & legs	
Mast	
Inner boom	
Extension(s)	
Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion	
Main boom pivot pin(s) & retainers	
Main boom cylinder pin(s) & retainers	
Extension cylinder pin(s) & retainers	
Boom tip attachments	
Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration	
Pressure lines from pump to control valve	
Return lines from control valve to reservoir	
Suction lines from reservoir to pump	
Pressure lines from control valve to each function	
Load holding valve pipes and hoses	
Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure	
Winch motors	
Rotation motors	

1st Quarterly Mechanic Truck Inspection
Part 2 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure	
Main control valve	
Load holding valve	
Stabilizer or auxiliary control valves	
Hydraulic Cylinders for drifting & leakage. Rods for nicks, scores, dents. Castor damage. Case/rod ends for damage/abnormal wear	
Stabilizer cylinders	
Main boom cylinder	
Extension cylinder	
Winch, sheaves & drums for damage, abnormal wear, abrasion & other irregularities	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	
Mech Body	**Pass/Fail**
All daily inspections	
All monthly inspections	
Inspect body frame and mounts for cracks, distortion and loose hardware	
Inspect body panels, compartments and crane box for cracks & distortion	
Check for any excessive rust, corrosion or peeling paint	
Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation	
Check boom rest weldments and welds for damage, cracks or distortion	
Air Compressor	**Pass/Fail**
All daily inspections	
All monthly inspections	
Replace air filters	
Tighten all fittings & fasteners	
Check all electrical connections	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

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Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

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Monthly Mechanic Truck Inspection

Month:_____ Year:_____

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Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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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Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

2nd Quarterly Mechanic Truck Inspection
Part 1 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
All monthly inspections	
Rotation bearing for proper torque of all mounting bolts	
Grease worm drive bearings	
Base mounting bolts for proper torque	
All structural members for deformation, cracks & corrosion	
Base	
Stabilizer beams & legs	
Mast	
Inner boom	
Extension(s)	
Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion	
Main boom pivot pin(s) & retainers	
Main boom cylinder pin(s) & retainers	
Extension cylinder pin(s) & retainers	
Boom tip attachments	
Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration	
Pressure lines from pump to control valve	
Return lines from control valve to reservoir	
Suction lines from reservoir to pump	
Pressure lines from control valve to each function	
Load holding valve pipes and hoses	
Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure	
Winch motors	
Rotation motors	
Separate pump and PTO - check for excessive wear/corrosion & grease shaft splines	
Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure	
Main control valve	

2nd Quarterly Mechanic Truck Inspection
Part 2 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
Load holding valve	
Stabilizer or auxiliary control valves	
Hydraulic Cylinders for drifting & leakage. Rods for nicks, scores, dents. Castor damage. Case/rod ends for damage/abnormal wear	
Stabilizer cylinders	
Main boom cylinder	
Extension cylinder	
Winch, sheaves & drums for damage, abnormal wear, abrasion & other irregularities	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Mech Body	Pass/Fail
All daily inspections	
All monthly inspections	
Inspect body frame and mounts for cracks, distortion and loose hardware	
Inspect body panels, compartments and crane box for cracks & distortion	
Check for any excessive rust, corrosion or peeling paint	
Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation	
Check boom rest weldments and welds for damage, cracks or distortion	

Air Compressor	Pass/Fail
All daily inspections	
All monthly inspections	
Replace air filters	
Tighten all fittings & fasteners	
Check all electrical connections	
Inspect and clean compressor valves	
Change crankcase oil per maintenance schedule in model manual	
Change compressor oil and filter	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
Operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
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Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
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Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
Operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
Operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

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3rd Quarterly Mechanic Truck Inspection

Part 1 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
All monthly inspections	
Rotation bearing for proper torque of all mounting bolts	
Grease worm drive bearings	
Base mounting bolts for proper torque	
All structural members for deformation, cracks & corrosion	
Base	
Stabilizer beams & legs	
Mast	
Inner boom	
Extension(s)	
Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion	
Main boom pivot pin(s) & retainers	
Main boom cylinder pin(s) & retainers	
Extension cylinder pin(s) & retainers	
Boom tip attachments	
Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration	
Pressure lines from pump to control valve	
Return lines from control valve to reservoir	
Suction lines from reservoir to pump	
Pressure lines from control valve to each function	
Load holding valve pipes and hoses	
Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure	
Winch motors	
Rotation motors	

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3rd Quarterly Mechanic Truck Inspection

Part 2 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure	
Main control valve	
Load holding valve	
Stabilizer or auxiliary control valves	
Hydraulic Cylinders for drifting & leakage. Rods for nicks, scores, dents. Castor damage. Case/rod ends for damage/abnormal wear	
Stabilizer cylinders	
Main boom cylinder	
Extension cylinder	
Winch, sheaves & drums for damage, abnormal wear, abrasion & other irregularities	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	
Mech Body	**Pass/Fail**
All daily inspections	
All monthly inspections	
Inspect body frame and mounts for cracks, distortion and loose hardware	
Inspect body panels, compartments and crane box for cracks & distortion	
Check for any excessive rust, corrosion or peeling paint	
Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation	
Check boom rest weldments and welds for damage, cracks or distortion	
Air Compressor	**Pass/Fail**
All daily inspections	
All monthly inspections	
Replace air filters	
Tighten all fittings & fasteners	
Check all electrical connections	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
Operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
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Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
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Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
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Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
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Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

Daily Mechanic Truck Inspection Part 1 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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 decals & control decals are present and legible																															
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Presence & proper operation of hook safety latches																															
Proper reeving of wire rope on sheaves & winch drum																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Operate anti 2-blocking device to check for proper operation																															
Check presence of boom angle indicator																															
Check overload device for proper operation																															
Grease rotation gear inner bearings																															

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Daily Mechanic Truck Inspection Part 2 of 2

Month:_____ **Year:**_____

☑ Pass ☒ Fail

Mech Crane	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
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage																															
Operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Operate stabilizers to check for proper operation																															
Operate masterlock system to check for proper operation																															

Air Compressor	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
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															

Monthly Mechanic Truck Inspection

Month:_____ Year:_____

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case	
Holding valves for proper operation	
Control valve for leaks at fittings and between sections	
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings	
Bent, broken or significantly rusted/corroded parts	
Electrical systems for presence of dirt, moisture & frayed wires	
All structural members for damage	
All welds for breaks & cracks	
All pins for proper installation & condition	
All bolts, fasteners & retaining rings for tightness, wear & corrosion	
Condition of wear pads	
Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts	
Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque	
Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly	

Mech Crane	Pass/Fail
Load hook for abnormal throat distance, twist, wear & cracks	
Condition of load line	
Presence of operator's manuals with the unit	
Tire wear and air pressure	
Working backup alarm	
Fire extinguisher at cab or machinery housing	
Grease rotation gear open gear teeth	
Grease all cylinder pivot points	
Lubricate extension booms	
Check winch gear oil level	
Mech Body	**Pass/Fail**
All daily inspections	
Air Compressor	**Pass/Fail**
All daily inspections	

4th Quarterly Mechanic Truck Inspection

Part 1 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
All monthly inspections	
Rotation bearing for proper torque of all mounting bolts	
Grease worm drive bearings	
Base mounting bolts for proper torque	
All structural members for deformation, cracks & corrosion	
Base	
Stabilizer beams & legs	
Mast	
Inner boom	
Extension(s)	
Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion	
Main boom pivot pin(s) & retainers	
Main boom cylinder pin(s) & retainers	
Extension cylinder pin(s) & retainers	
Boom tip attachments	
Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration	
Pressure lines from pump to control valve	
Return lines from control valve to reservoir	
Suction lines from reservoir to pump	
Pressure lines from control valve to each function	
Load holding valve pipes and hoses	
Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure	
Winch motors	
Rotation motors	
Separate pump and PTO - check for excessive wear/corrosion & grease shaft splines	
Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure	
Main control valve	

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4th Quarterly Mechanic Truck Inspection

Part 2 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
Load holding valve	
Stabilizer or auxiliary control valves	
Hydraulic Cylinders for drifting & leakage. Rods for nicks, scores, dents. Castor damage. Case/rod ends for damage/abnormal wear	
Stabilizer cylinders	
Main boom cylinder	
Extension cylinder	
Winch, sheaves & drums for damage, abnormal wear, abrasion & other irregularities	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Mech Body	Pass/Fail
All daily inspections	
All monthly inspections	
Inspect body frame and mounts for cracks, distortion and loose hardware	
Inspect body panels, compartments and crane box for cracks & distortion	
Check for any excessive rust, corrosion or peeling paint	
Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation	
Check boom rest weldments and welds for damage, cracks or distortion	

Air Compressor	Pass/Fail
All daily inspections	
All monthly inspections	
Replace air filters	
Tighten all fittings & fasteners	
Check all electrical connections	
Inspect and clean compressor valves	
Change crankcase oil per maintenance schedule in model manual	
Change compressor oil and filter	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Annual Mechanic Truck Inspection
Part 1 of 2

☑ Pass ☒ Fail

Mech Crane	Pass/Fail
All daily inspections	
All monthly inspections	
All quarterly inspections	
Control valve calibration for correct pressures & relief valve settings	
Safety valve calibration for correct pressures & relief valve settings	
Valves for failure to maintain correct settings	
Rotation drive system for proper backlash clearance & abnormal wear, deformation & cracks	
Gear oil change in winch drum system per maintenance schedule	
Check tightness of all fasteners and bolts	
Load line for proper attachment to drum	
Monthly inspection records	
Maintenance records	
Repair and modification records	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	

Mech Body	Pass/Fail
All daily inspections	
All monthly inspections	
All quarterly inspections	
Check tightness of all fasteners and bolts	
Check tightness of chassis frame to body mounting bolts	
Monthly inspection records	
Maintenance records	
Repair and modification records	

Annual Mechanic Truck Inspection
Part 2 of 2

☑ Pass ☒ Fail

Air Compressor	Pass/Fail
All daily inspections	
All monthly inspections	
All quarterly inspections	
Replace coalescering/separator cartridge	
Hydraulic filters/oil for replacement per maintenance schedule in model manual	
Monthly inspection records	
Maintenance records	
Repair and modification records	

Notes:

Mechanic Truck Corrective Action Log

Date	Issue	Description of Action

Mechanic Truck Corrective Action Log

Date	Issue	Description of Action

Mechanic Truck Corrective Action Log

Date	Issue	Description of Action