ELLIOTT
EQUIPMENT COMPANY

CRANE INSPECTION LOG

A Daily-Weekly-Monthly & Periodic Inspection Log

General Offices
4427 South 76th Circle
Omaha, NE 68127
Phone: 402 592 4500

ELLIOTT EQUIPMENT COMPANY
CRANE INSPECTION LOG

Inspection Year _____ Crane Model _____ Serial Number _____

Truck Model _____ VIN _____

Owner _____ Unit Number _____

A regular schedule of maintenance is very important to keep your unit in peak operating condition. Operators and service personnel responsible for the care of the unit must be familiar with inspection requirements, maintenance procedures, lubrication requirements and proper machine operation. Detailed information regarding operation, inspection procedures and maintenance can be found in your Owners Manual.

This inspection logbook can be used to serve as a guide over a 12-month period when making required inspections and when performing maintenance on Elliott Hydraulic Cranes. This logbook is not intended to replace any pre-operational checks required by an owner or a local or state safety board.

Federal regulations require that written, dated and signed inspection records be maintained.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
1	Ensure Item is properly installed on machine	**11**	Clean or replace
2	Check for proper working order	**12**	Change Filter
3	Check for proper service / level	**13**	Check for cracked or broken structures and welds
4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
5	Check for excess dirt, grease or foreign matter	**15**	Lubricate
6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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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Hydraulic oil level	3																															
Radiator coolant level	4																															
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Damage to structures	8,13																															
Cracked welds	13																															
Lights and horn	6																															
Safety equipment	2,6,7,16																															
Gauges	4,6																															
Tires & suspension	3,8,9																															
Loadline	17																															
Boom & Jib sheaves	2																															
Proper lubrication	15																															
Hose or gearbox leaks	5,8																															
Control operation	2,6,7																															
Truck park brake	2																															
Proper fasteners	1																															
Anti-two block system	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Load Chart & Safety Decals	19																															

Initials

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”

Repair or replace all non-acceptable items before use.

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Weekly & Monthly Inspection Log

Month _____

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Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

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Weekly & Monthly Inspection Log

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Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
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Weekly & Monthly Inspection Log

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All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

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Periodic Inspection Log

A Periodic Inspection is required every three months	Maint. Code
All items listed under daily inspections	
All items listed under weekly inspections	
All items listed under monthly inspections	
Bolts and fasteners in all areas	1,10
All pins, bearings, shafts and gears for wear, cracks or distortion	2,5,8,9,13
Boom angle indicator accuracy over full range	2
Hydraulic systems for proper operating pressure	7
All cylinders for:	
Drift	2,8
Damaged rods	2,8,6,9,13
Dented barrels	2,6,8,9,13
Leaks at seals, welds or holding valves	8
Hydraulic hoses and tubing for wear or damage	8,9
Extend and retract cables for wear or abrasion	2,6,7,9,10
All electrical wires and connections	16
All mounting bolts torqued to spec	10
All turret and rotation bearing bolts torqued to spec	10
Rotation gearbox mounting bolts torqued to spec	10
Capacity Alert / LMI system	2,6,16

Comments:

Other:

Stability Test of unit – Annually (if change in axle weights)	2,5,6,7,9
Boom tear down and inspection - every three years	10,13,15,17

Date: _____

Signature: _____

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Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
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All items under daily inspections							
	Date:						
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Load Chart & Safety Decals	19																															

Initials

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”

Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
1	Ensure Item is properly installed on machine	**11**	Clean or replace
2	Check for proper working order	**12**	Change Filter
3	Check for proper service / level	**13**	Check for cracked or broken structures and welds
4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
5	Check for excess dirt, grease or foreign matter	**15**	Lubricate
6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

Completion Code: If the item is acceptable – use a check
If the item requires service – use an "S"
If the item is not acceptable – use an "N" Repair or replace all non-acceptable items before use

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
1	Ensure Item is properly installed on machine	**11**	Clean or replace
2	Check for proper working order	**12**	Change Filter
3	Check for proper service / level	**13**	Check for cracked or broken structures and welds
4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
5	Check for excess dirt, grease or foreign matter	**15**	Lubricate
6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Periodic Inspection Log

A Periodic Inspection is required every three months	Maint. Code
All items listed under daily inspections	
All items listed under weekly inspections	
All items listed under monthly inspections	
Bolts and fasteners in all areas	1,10
All pins, bearings, shafts and gears for wear, cracks or distortion	2,5,8,9,13
Boom angle indicator accuracy over full range	2
Hydraulic systems for proper operating pressure	7
All cylinders for:	
Drift	2,8
Damaged rods	2,8,6,9,13
Dented barrels	2,6,8,9,13
Leaks at seals, welds or holding valves	8
Hydraulic hoses and tubing for wear or damage	8,9
Extend and retract cables for wear or abrasion	2,6,7,9,10
All electrical wires and connections	16
All mounting bolts torqued to spec	10
All turret and rotation bearing bolts torqued to spec	10
Rotation gearbox mounting bolts torqued to spec	10
Capacity Alert / LMI system	2,6,16

Comments:

Other:

Stability Test of unit – Annually (if change in axle weights)	2,5,6,7,9
Boom tear down and inspection - every three years	10,13,15,17

Date: _____

Signature: _____

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”
Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
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4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
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6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
Hydraulic oil level	3																															
Radiator coolant level	4																															
loose parts	1,2,7																															
Damage to structures	8,13																															
Cracked welds	13																															
Lights and horn	6																															
Safety equipment	2,6,7,16																															
Gauges	4,6																															
Tires & suspension	3,8,9																															
Loadline	17																															
Boom & Jib sheaves	2																															
Proper lubrication	15																															
Hose or gearbox leaks	5,8																															
Control operation	2,6,7																															
Truck park brake	2																															
Proper fasteners	1																															
Anti-two block system	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Load Chart & Safety Decals	19																															

Initials

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
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Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
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6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

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6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
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8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
Hydraulic oil level	3																															
Radiator coolant level	4																															
loose parts	1,2,7																															
Damage to structures	8,13																															
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Lights and horn	6																															
Safety equipment	2,6,7,16																															
Gauges	4,6																															
Tires & suspension	3,8,9																															
Loadline	17																															
Boom & Jib sheaves	2																															
Proper lubrication	15																															
Hose or gearbox leaks	5,8																															
Control operation	2,6,7																															
Truck park brake	2																															
Proper fasteners	1																															
Anti-two block system	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
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Initials

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Repair or replace all non-acceptable items before use.

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6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

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8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
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Safety covers	1																															
Load hook safety latch	1,2																															
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Load Chart & Safety Decals	19																															

Initials

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Repair or replace all non-acceptable items before use.

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9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

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8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Periodic Inspection Log

A Periodic Inspection is required every three months	Maint. Code
All items listed under daily inspections	
All items listed under weekly inspections	
All items listed under monthly inspections	
Bolts and fasteners in all areas	1,10
All pins, bearings, shafts and gears for wear, cracks or distortion	2,5,8,9,13
Boom angle indicator accuracy over full range	2
Hydraulic systems for proper operating pressure	7
All cylinders for:	
Drift	2,8
Damaged rods	2,8,6,9,13
Dented barrels	2,6,8,9,13
Leaks at seals, welds or holding valves	8
Hydraulic hoses and tubing for wear or damage	8,9
Extend and retract cables for wear or abrasion	2,6,7,9,10
All electrical wires and connections	16
All mounting bolts torqued to spec	10
All turret and rotation bearing bolts torqued to spec	10
Rotation gearbox mounting bolts torqued to spec	10
Capacity Alert / LMI system	2,6,16

Comments:

Other:

Stability Test of unit – Annually (if change in axle weights)	2,5,6,7,9
Boom tear down and inspection - every three years	10,13,15,17

Date: _____

Signature: _____

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”
Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

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7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
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Safety equipment	2,6,7,16																															
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Truck park brake	2																															
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Anti-two block system	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Load Chart & Safety Decals	19																															

Initials

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Repair or replace all non-acceptable items before use.

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9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

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9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
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Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Load Chart & Safety Decals	19																															

Initials

Completion Code:

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Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
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4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
5	Check for excess dirt, grease or foreign matter	**15**	Lubricate
6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

Completion Code: If the item is acceptable – use a check
If the item requires service – use an "S"
If the item is not acceptable – use an "N" Repair or replace all non-acceptable items before use

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
1	Ensure Item is properly installed on machine	**11**	Clean or replace
2	Check for proper working order	**12**	Change Filter
3	Check for proper service / level	**13**	Check for cracked or broken structures and welds
4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
5	Check for excess dirt, grease or foreign matter	**15**	Lubricate
6	Check for proper operation while operating machine	**16**	Check connectors and wiring for proper installation
7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

DAILY INSPECTION LOG

DATE_____

Inspection Item	Maint. Code	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
Engine oil level	3,14																															
Hydraulic oil level	3																															
Radiator coolant level	4																															
loose parts	1,2,7																															
Damage to structures	8,13																															
Cracked welds	13																															
Lights and horn	6																															
Safety equipment	2,6,7,16																															
Gauges	4,6																															
Tires & suspension	3,8,9																															
Loadline	17																															
Boom & Jib sheaves	2																															
Proper lubrication	15																															
Hose or gearbox leaks	5,8																															
Control operation	2,6,7																															
Truck park brake	2																															
Proper fasteners	1																															
Anti-two block system	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Load Chart & Safety Decals	19																															

Initials

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”

Repair or replace all non-acceptable items before use.

INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
1	Ensure Item is properly installed on machine	**11**	Clean or replace
2	Check for proper working order	**12**	Change Filter
3	Check for proper service / level	**13**	Check for cracked or broken structures and welds
4	Check for proper reading while operating engine	**14**	Service as required by engine manufacturer
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Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Weekly & Monthly Inspection Log

Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
Battery water level	3						
Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Sheaves and cable drums for wear & cracks	9,13						
Owners Manual with Unit	1						
All items under daily inspections							
	Date:						
	Initials:						

Crane Hour Meter _____

Monthly Inspections	Maint. Code			Comments:
Cylinders and valves	2,5,6,8			
Load hook throat and twist	1,2,8,			
All structural members for damage	13			
All welds for breaks or cracks	13			
All pins for proper installation and keepers	1,9,10,13			
Control, safety & capacity placards	1,5			
Cable clamp torque	10			
Boom wear pad fasteners	1,10			
All items under daily & weekly inspections				

Completion Code: If the item is acceptable – use a check
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INSPECTION REFERENCE

Main Ref.	Inspection Maintenance Code	Main Ref.	Inspection Maintenance Code
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7	Check for proper adjustment	**17**	Check wire for damaged, frayed or broken strands
8	Check for cracks or leaks	**18**	Check / Read Gauge
9	Check for excessive wear	**19**	Verify present and legible
10	Check for proper torque		

Date of Inspection or Repair	Completed by	Description of Problem, Service, Adjustment or Repairs Performed

Periodic Inspection Log

A Periodic Inspection is required every three months	Maint. Code
All items listed under daily inspections	
All items listed under weekly inspections	
All items listed under monthly inspections	
Bolts and fasteners in all areas	1,10
All pins, bearings, shafts and gears for wear, cracks or distortion	2,5,8,9,13
Boom angle indicator accuracy over full range	2
Hydraulic systems for proper operating pressure	7
All cylinders for:	
Drift	2,8
Damaged rods	2,8,6,9,13
Dented barrels	2,6,8,9,13
Leaks at seals, welds or holding valves	8
Hydraulic hoses and tubing for wear or damage	8,9
Extend and retract cables for wear or abrasion	2,6,7,9,10
All electrical wires and connections	16
All mounting bolts torqued to spec	10
All turret and rotation bearing bolts torqued to spec	10
Rotation gearbox mounting bolts torqued to spec	10
Capacity Alert / LMI system	2,6,16

Comments:

Other:

Stability Test of unit – Annually (if change in axle weights)	2,5,6,7,9
Boom tear down and inspection - every three years	10,13,15,17

Date: _____

Signature: _____

Completion Code:

If the item is acceptable – use a check
If the item requires service – use an “S”
If the item is not acceptable – use an “N”
Repair or replace all non-acceptable items before use.