

**ELLIOTT**

**BOOM TRUCK  
INSPECTION  
LOG**

Daily-Weekly-Monthly & Periodic Inspection Log

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3514 S 25th St  
Omaha, NE 68105  
402 592 4500

**ELLIOTT EQUIPMENT COMPANY**  
2025

**Inspection Guidelines for Mobile Cranes/Boom Trucks**

At Elliott Equipment Company, safety is our highest priority. To ensure the optimal performance and safety of our Boom Trucks it is critical that a strict inspection routine be followed. Regular inspections are necessary to identify potential issues before they become hazardous, maintain the integrity of the equipment, and comply with industry standards, specifically **ASME B30.5, ASME B30.23 and CFR 1926 Subpart CC**. These inspections are designed to protect operators, maintenance personnel, and all individuals working near the equipment to ensure that the equipment continues to meet safety and operational

The **annual / periodic inspection** is **mandatory** under ASME B30.5 and CFR 1926 Subpart CC and must be conducted at least once a year to keep the equipment compliant with safety standards. These inspections must be recorded, and all findings and corrective actions should be documented for regulatory purposes.

To ensure compliance with ASME B30.5, ASME B30.23 and CFR 1926 Subpart CC standards and maintain the safe operation of your equipment, contact your local authorized Elliott distributor to schedule and perform the required annual inspection.

The due date for the initial required annual / periodic inspection can be determined by referencing the original manufacture date found on the Elliott data plate affixed to the turret. This inspection must be completed no later than 12 months from that manufacture date.

Failure to conduct regular and thorough inspections can lead to equipment malfunctions, accidents, or non-compliance with safety regulations. Always refer to the manufacturer's manual, ASME B30.5 and ASME B30.23 standards for specific inspection guidelines. Keep records of all inspections, including dates and findings, as part of your safety and maintenance documentation.

By adhering to these inspection schedules and criteria, we can help ensure that your Boom Truck operates safely and reliably for years to come.

## **Documentation and Record-Keeping**

It is crucial to maintain accurate records for all inspections, particularly the annual inspection. These records should include the date, inspector, findings, and corrective actions taken. Documentation ensures compliance with industry standards, such as ASME B30.5 and ASME B30.23, and helps track the maintenance history of each unit, which is critical for audits, safety checks, and future maintenance needs.

## **Replacement Parts & Additional Inspection Logbooks**

If replacement parts are identified during this inspection, please contact your local authorized Elliott distributor for assistance. If you are unsure who your distributor is, you may also contact Elliott Equipment Company directly at 402-933-3336 for support. Prompt replacement of worn or damaged parts is essential to ensure continued safe and reliable operation.

To order additional Inspection Logbooks contact Elliott Equipment Company directly at 402-933-3336

### **ELLIOTT EQUIPMENT COMPANY CRANE INSPECTION LOG**

Inspection Year: \_\_\_\_\_

Crane Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Truck Model: \_\_\_\_\_

VIN: \_\_\_\_\_

Unit Number: \_\_\_\_\_

Owner: \_\_\_\_\_



# Hi-Reach Daily Inspection Log

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	3,4																															
Truck park brake	2																															
Tires & suspension	3,8,9																															
Outriggers	2,5,8,9,13																															
Damage to structures	8,13																															
Lights, horn & throttle	6																															
Safety equipment / Interlocks	2,6,7,16																															
Gauges	4,6																															
Boom & Rotation System	1,2,5,6,13,15																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Controls operation / E Pump	2,6,7																															
Boom Sequencing	2,6																															
Catrac	2,5,9,13,16																															
Platform & Platform Controls	1,2,6,7,9,13,15																															
Proper fasteners	1																															
Anti-two block system / LMI / RCL	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18, 20																															
Capacity Chart & Decals	19																															
O/R & Boom Cntrl Pressure	18																															
Level Bubble / Indicator	2, 7																															

## Digger components, if equipped

Swing brake	2,6																															
Digger drive	2,3,6																															
Auger stow latch	1,2,9,13																															
Auger stow rope	1,6,9																															
Digger pivot pin	1,2,9,13																															
Digger stow prox switch	1,6,7,16,17																															
Over-wind protection valve	1,5,6,8																															

Initials

### Completion code:

If the item is acceptable - use a check

If the item requires service - use and "S"

If the item is no acceptable - use an "N"

If the item is not applicable - use and "NA"

**Repair or replace all non-acceptable items before use**



# Weekly / Monthly Inspection Record

Month \_\_\_\_\_

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
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						
Pump, PTO & Driveline	1,8,15						
Winch drums and sheaves	8,9						
Owners manual with unit	1						
All items under daily inspections							
Date:							
Initials:							

Monthly Inspections	Maint. Code	Month	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		
Boom Sequencing Cables - (Proportional Booms)	6,7,10,17		
Boom wear pad fasteners/rollers	1,10		
Sheaves and cable drums for wear & cracks	13		
All items under daily & weekly inspections			

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Platform & Platform Controls	1,2,6,7,9,13,15																															
Proper fasteners	1																															
Anti-two block system / LMI / RCL	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18, 20																															
Capacity Chart & Decals	19																															
O/R & Boom Cntrl Pressure	18																															
Level Bubble / Indicator	2, 7																															

## Digger components, if equipped

Swing brake	2,6																															
Digger drive	2,3,6																															
Auger stow latch	1,2,9,13																															
Auger stow rope	1,6,9																															
Digger pivot pin	1,2,9,13																															
Digger stow prox switch	1,6,7,16,17																															
Over-wind protection valve	1,5,6,8																															

Initials

### Completion code:

If the item is acceptable - use a check

If the item requires service - use and "S"

If the item is no acceptable - use an "N"

If the item is not applicable - use and "NA"

**Repair or replace all non-acceptable items before use**



# Weekly / Monthly Inspection Record

Month \_\_\_\_\_

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5	
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						
Pump, PTO & Driveline	1,8,15						
Winch drums and sheaves	8,9						
Owners manual with unit	1						
All items under daily inspections							
Date:							
Initials:							

Monthly Inspections	Maint. Code	Month	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		
Boom Sequencing Cables - (Proportional Booms)	6,7,10,17		
Boom wear pad fasteners/rollers	1,10		
Sheaves and cable drums for wear & cracks	13		
All items under daily & weekly inspections			

**Completion Code:**

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# Hi-Reach Daily Inspection Log

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	3,4																															
Truck park brake	2																															
Tires & suspension	3,8,9																															
Outriggers	2,5,8,9,13																															
Damage to structures	8,13																															
Lights, horn & throttle	6																															
Safety equipment / Interlocks	2,6,7,16																															
Gauges	4,6																															
Boom & Rotation System	1,2,5,6,13,15																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Controls operation / E Pump	2,6,7																															
Boom Sequencing	2,6																															
Catrac	2,5,9,13,16																															
Platform & Platform Controls	1,2,6,7,9,13,15																															
Proper fasteners	1																															
Anti-two block system / LMI / RCL	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18, 20																															
Capacity Chart & Decals	19																															
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<b>Digger components, if equipped</b>																																
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Digger stow prox switch	1,6,7,16,17																															
Over-wind protection valve	1,5,6,8																															
Initials																																

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