

ELLIOTT

**DIGGER
DERRICK
INSPECTION
LOG**

Daily-Weekly-Monthly & Periodic Inspection Log

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

ELLIOTT EQUIPMENT COMPANY

Inspection Guidelines for Digger Dericks

At Elliott Equipment Company, safety is our highest priority. To ensure the optimal performance and safety of our Digger Derricks 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 **ANSI A10.31**. These inspections are designed to protect both operators, maintenance personnel and all individuals working near the equipment to ensure that the equipment continues to meet safety and operational standards.

The **annual / periodic inspection is mandatory** under ANSI A10.31 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 ANSI A10.31 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 and ANSI A10.31 standard 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 Digger Derrick 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 **ANSI A10.31**, 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

DIGGER INSPECTION LOG

Inspection Year: _____

Elliott Model: _____

Elliott Serial Number: _____

Chassis Model: _____

VIN: _____

Unit Number: _____

Owner: _____

Daily Digger 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																																		
Control 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	2,6,16																																		
Safety covers	1																																		
Load hook safety latch	1,2																																		
Hydraulic oil filter	18																																		
Capacity chart & decals	19																																		
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																																			
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Completion code:

If the item is acceptable - use a check mark

If the item requires service - use an "S"

If the item is not acceptable - use an "N"

If the item is not applicable - use an "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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