



# *Digger/Derrick Frequent Inspection/Maintenance*

*In Accordance with ANSI A10.31*

Immediate Repair Required (\_\_\_\_ Yes, \_\_\_\_ No)

**Owner/User is responsible to have repairs performed before use.**

All other items marked can be addressed at the next maintenance interval

*Shop Order* \_\_\_\_\_ *Test Date* \_\_\_\_\_

*Customer* \_\_\_\_\_

*Location* \_\_\_\_\_

*Inspector Name* \_\_\_\_\_

*Inspection Company* \_\_\_\_\_

## *Chassis and Unit Information*

*Chassis Make/Model/Year* \_\_\_\_\_

*VIN Number* \_\_\_\_\_

*License* \_\_\_\_\_

*Odometer* \_\_\_\_\_ *Eng. HR/Meter* \_\_\_\_\_

*Unit Manufacturer* \_\_\_\_\_

*Unit Model* \_\_\_\_\_

*Serial Number* \_\_\_\_\_

*Unit Number* \_\_\_\_\_ *PTO HR/Meter* \_\_\_\_\_

**Digger Derrick Frequent Inspection / Maintenance**

**Unit Number** \_\_\_\_\_

**Symbols:** ✓ = OK    N/A = Not Applicable    A = Adjusted/Repaired  
 X = See corresponding number on summary page

<b><i>A. Daily Inspection</i></b>	<b><i>Status</i></b>
Check controls at platform and lower controls for proper operation	
Inspect fall protection equipment and attachments	
Inspect visual and audible devices such as angle indicators and indicator lights	
Check condition, cleanliness, and dryness of fiberglass components	
Visually check for missing or loose covers and guards	
Check for missing and illegible operational, warning, or instructional markings	
Visually check oil level in hydraulic reservoir	
Visually inspect for leaks in hydraulic system	
Check all areas for evidence of physical damage	
Visually check all cylinders for leaks	
Visually inspect all fasteners for tightness	
Visual inspection of all structural members; Digger Derrick, accessories, outriggers, subframe, and attachments, for cracks and permanent deformation	
Check for rotational obstructions	
Visual inspection of all electrical wires	
Inspect load line, hook, and slings	
Visually inspect Auger Roll Up Cable	
Visual inspection of leveling system or leveling brake	
Operational test of all boom functions	
Visually inspect auger attachment fasteners	
Inspect for damaged or missing auger teeth	
Inspect / perform additional items as indicated in unit maintenance manual. Record on page 3	
<b><i>B. 90 Day Inspection / Maintenance</i></b>	
Replace return filter	
Visually inspect all sheaves, pins, and retainers	
Lubricate all points per lubrication chart recommendations	
Apply lubricant to rotation gearbox pinion and turntable bearing	
Torque check of auger attachment fasteners	
Perform daily inspections	
Inspect / perform additional items as indicated in unit maintenance manual. Record on page 3	

**Inspector Initials** \_\_\_\_\_





Model / Serial# \_\_\_\_\_

## Summary Page

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

Number	R/C/I	Description

**Legend:**

- (R) Repair required.
- (C) Check and repair as necessary on scheduled routine maintenance.
- (I) For Information only, no corrective action required at this time.

**Note:**

- Owner/User is responsible to have repairs performed before use.
- Manufacturer’s recommendations and manuals for frequent and/or periodic inspection and maintenance schedules must be followed for safe operation of this unit.
- If the work performed falls under OSHA 1926 subpart CC Construction Standard:
  - Effective 11/8/2010: level indicators, a hand signal chart, and an audible warning device are required to be on all units, regardless of when they were built
  - Effective 11/8/2011: anti two-block and load moment limiters (HOP) are required on all units built on or after 11/8/2011
- Immediate Repairs Required (\_\_\_\_\_Yes\_\_\_\_\_No)
- Customer declined torque check of critical fasteners (\_\_\_\_\_Yes\_\_\_\_\_No). If checked, work order # \_\_\_\_\_
- Owner/User is responsible for torque check of critical fasteners if declined above.
- Do not consider this a pre-purchase inspection.

Customer Signature \_\_\_\_\_ Print Name \_\_\_\_\_

Inspector Signature \_\_\_\_\_ Date \_\_\_\_\_