



# *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* \_\_\_\_\_ *Inspector Number* \_\_\_\_\_

## *Chassis and Unit Information*

*Chassis Year* \_\_\_\_\_ *Chassis Model* \_\_\_\_\_

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

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

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

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

*Model Number* \_\_\_\_\_

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

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

**Digger Derrick Frequent Inspection / Maintenance**

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

**Symbols:** P = 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	
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 winch line, hook, and slings	
Visually inspect Auger Roll Up Cable	
Visual inspection of leveling system or leveling brake	
Operational test of all boom functions	
Inspect for damaged or missing auger teeth	
Inspect / perform additional items as indicated in unit maintenance manual. Record on page 2	
<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	
Perform daily inspections	
Inspect / perform additional items as indicated in unit maintenance manual. Record on page 2	
<b><i>C. 180 Day Inspection / Maintenance</i></b>	
Check tightness of rotation bearing bolts; turntable to bearing, and bearing to pedestal	
Perform Daily and 90 Day Inspection / Maintenance	
Inspect / perform additional items as indicated in unit maintenance manual. Record on page 2	

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



