



Digger/Derrick Annual Inspection

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 Annual Inspection

Unit Number _____

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

A. Chassis / Body	Status
1. Cab Controls	
Master Switch Panel	
Strobe Lights / Beacons	
PTO Shift Control (cable, air, electric)	
PTO Indicator Light	
PTO Warning Label Present	
Travel Height Placard	
Start / Stop, Throttle Controls	
Auxiliary Brake Control	
Back Up Alarm	
Operators Manual With Truck	
2. Body / Flatbed	
Headlights, Stop, Tail, Turn, Hazard	
Fire Extinguisher	
Wheel Chocks	
Outrigger Pads	
Unit Grounding Equipment	
Cab Guard / Headache Rack	
Steps / Accessibility	
All Safety Decals & Level Indicators - Legible and Proper Location	
Hand Signal Chart	
B. Digger / Derrick Unit	
Check for campaigns and updates	
1. Basic Hydraulic System	
Reservoir - Breather Cap	
Filters	
Amount and Condition of Oil	
Gate Valves, Hoses, and Fittings	
Vacuum Prevention System (Foot Valves)	
2. PTO / Pump	
PTO / Pump Mounting	
PTO / Pump Noises and Leaks	
PTO / Pump Hoses and Fittings	
All Pressures (SYS, D/W, HOP)	

3. Outrigger System	Status
Welds, Metal Structure, and Mounting	
Anchor Bolts	
Hydraulic Cylinders - Leaks	
Cylinder Pins and Keepers	
Foot Assembly and Pins	
Holding Valves / Locks (Drift Test)	
Hose Condition, Routing Under Chassis	
Control Valves	
Boom Interlock System-01/2005 On	
Outrigger Motion Alarm-02/2000 On	
Relief Valve Setting	
Chassis Level Indicator-Both Directions	
Chassis Tire Pressures	
<i>Note: Dates are for Terex Utilities units only</i>	
4. Pedestal	
Welds - Metal Structure and Mounting	
Collector Block - Mounting Bolts, Hoses / Fittings	
Pedestal Valves and Controls	
Leaks in Pedestal Area	
Rotation Bearing and Fasteners	
5. Controls - Lower, Command Post, Handle Rack, Upper	
Operation Of All Controls, Leaks	
Control Labels - Hand Signal Chart	
Throttle Control - Hoses, Fittings, Reservoir	
Electrical Components	
Air Cylinders, Hoses, Fittings	
Engine High RPM	
Boom Angle Placard & Indicator	
Boom Load Chart	
Audible Warning Device	
Emergency Stop - 06/2006 On	
Digger and Pole Guide Disable with Upper Controls - ANSI A10.31-2006	

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6. Turntable	Status
Welds - Metal Structure	
Rotation Bearing and Fasteners	
Rotation Gearbox and Motor	
Lift Cylinder Pin Boss Area	
7. Lift Cylinders	
Cylinder Rods	
Cylinder Seals	
Holding Valves - Load Test	
Welds	
Pins, Bushings and Retainers	
8. Main Boom Assembly	
Welds, Pivot Pins, and Retainers	
Metal Structure Condition	
Boom Fittings, Bolts, Sheaves	
Fiberglass Boom Condition	
Jib and Jib Attachments	
9. Boom Extension System	
Cylinder Rods	
Cylinder Seals	
Cylinder Holding Valves	
Cylinder Pins and Bushings	
Rollers and Wear Pads	
Hoses, Hose Carriers, and Slide Tubes	
Cables	
Sheaves, Pins, and Bushings	
Pole Guides	
Pole Guide Cylinder	
Pole Guide Tilt Cylinder	
10. Platform	
Platform Condition	
Platform Liner	
Mounting Hardware	
Platform Cover	
Platform Leveling, Brake Assembly	

10. Platform - (cont.)	Status
Lanyard Anchor Point	
Safety Harness and Lanyard	
Non - Skid Platform Step	
11. Digger / Auger	
Digger Hoses, Fittings	
Stow Cable / Strap / Rope	
Over Stow Protection Valve	
Digger / Auger Mounting	
Approved Fasteners	
Latch Assembly	
Digger Gearbox - Oil Level	
Auger, Teeth, and Pilot	
12. Boom Winch	
Mounting	
Load Line	
Hook, Safety Latch	
Hydraulic Motor - Leaks, Noise	
Brake - Operation	
Hoses, Fittings	
C. General	
1. Auxiliary Winch	
Cable / Line	
Hook, Safety Latch	
Motor - Electric, Hydraulic	
Controls - Cord, Hoses, and Fittings	
Mounting Bolts	
2. Hydraulic Tools	
Impact, Tamper, Saws	
Tool Hoses, Fittings	
Pole Puller, Base, Chain	
Tool Hose Reel, Hoses, Quik Couplers	
3. General Lubrication	
Boom Extension Parts	
Control Linkages	
Rotation Bearing	
Hinge Points	
Gearboxes	

Inspector Initials _____

