

## Auger Drill Annual Inspection

In Accordance with ANSI A10.31

|                     | oair Required (                                 |           |  |
|---------------------|---|-----------|--|
|                     | onsible to have repairs can be addressed at the |           |  |
|                     |   |           |  |
| Shop Order          | Test Date                                       |           |  |
| Customer            |   |           |  |
| Location            |   |           |  |
| Inspector Name      |   |           |  |
| Inspection Company  |   |           |  |
| Chass               | is and Unit Info                                | rmation   |  |
| Chassis Year        | Chassis Model                                   | <i>l</i>  |  |
| VIN Number          |   |           |  |
| License             |   |           |  |
| Odometer            | Eng. HR/M                                       | leter     |  |
| Unit Manufacturer_  |   |           |  |
| Model Number        |   |           |  |
| Serial Number       |   |           |  |
| Unit Number         | <i>PTO</i>                                      | HR/Meter_ |  |
| Drill Engine Type/M | odel  |           |  |

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| A. Chassis / Body                    | Status |
|--------------------------------------|--------|
| 1. Cab Controls                      |        |
| Strobe Lights / Beacons              |        |
| Stowed Height Placard                |        |
| 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 / Accessability                |        |
| All Safety Decals & Level Indicators |        |
| Legible and Proper Location          |        |
| Hand Signal Chart                    |        |
|                                      |        |
| 3. Drill Engine                      |        |
| RPM - 2450 to 2500                   |        |
| Oil Level                            |        |
| All Mounting Bolts and Fasteners     |        |
| Coolant Level - 50/50 Anti-freeze    |        |
| Coolant Hoses, Fittings, and Clamps  |        |
| Battery Hold Down Mounts and Cables  |        |
| Engine Shroud, Covers, and Fasteners |        |
| Side Panels                          |        |
| Exhaust System / Rain Cap Installed  |        |
| Breather Hoses and Filter            |        |
| Fuel Filter and Water Separator      |        |
| Leaks on Fuel Tank and Lines         |        |
|                                      |        |
|                                      |        |
|                                      |        |
|                                      |        |
|                                      |        |

| B. Auger Drill Unit                   | Status |
|---------------------------------------|--------|
| 1. Structural Welds and Damage        |        |
| Mast                                  |        |
| Main Frame                            |        |
| Sub Frame                             |        |
| Base Frame                            |        |
| Outriggers                            |        |
|                                       |        |
| 2. Hydraulic Heat Exchanger           |        |
| Fan, Motors, and Wiring               |        |
| Hoses and Fittings                    |        |
|                                       |        |
| 3. Allison/Funk Transmission          |        |
| Check for Leaks                       |        |
| Bell Housing Fasteners                |        |
| Breather / Breather Hose              |        |
| Check Oil Level                       |        |
| Leaks on Shifting Body Spools         |        |
| Check all linkages                    |        |
| Verify Spools are in Neutral          |        |
|                                       |        |
| 4. Drive Line                         |        |
| Mounting Bolts                        |        |
| Grease Fittings on U-Joints           |        |
| Drive Line Covers Installed           |        |
| Inspect Shear Pin                     |        |
| Assembly Moves Freely Without Pin     |        |
|                                       |        |
| 5. Right Angle Drive Gear Box         |        |
| Check for Smooth Operation            |        |
| Remove Drain Plug and Check for Metal |        |
| Check Mounting Bolts                  |        |
| Verify Grease Fittings in Frame Ring  |        |
| Oil Level                             |        |
| Check for Leaks                       |        |
|                                       |        |
|                                       |        |
|                                       |        |

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| 6. Final Drive Gear Box              | Status |
|--------------------------------------|--------|
| Check for Smooth Operation           |        |
| Remove Drain Plug to Check for Metal |        |
| Check O-Ring Fittings for Leaks      |        |
| Check Mounting and Flange Bolts      |        |
| Breather in Gear Box                 |        |
| Oil Level                            |        |
| Boom Down Marker                     |        |
|                                      |        |
| 7. Elevating Cylinder                |        |
| Damage to Cylinder Rod               |        |
| Check for Leaks                      |        |
| Check Holding Valve                  |        |
| Pins and Fasteners                   |        |
|                                      |        |
| 8. Leveling Cylinder                 |        |
| Damage to Cylinder Rod               |        |
| Check for Leaks                      |        |
| Check Holding Valve                  |        |
| Pins and Fasteners                   |        |
|                                      |        |
| 9. Frame Travel                      |        |
| Check for Leaks                      |        |
| All pins and fastners                |        |
| Damage to Cylinder Rod               |        |
| Check Wear Pads (dry)                |        |
|                                      |        |
| 10. Hydraulic Reservoir              |        |
| Reservoir - Breather Cap             |        |
| Filters                              |        |
| Amount and Condition of Oil          |        |
| Gate Valves, Hoses, and Fittings     |        |
| Mounting Hardware                    |        |
|                                      |        |
| 11. Hydraulic Pump                   |        |
| Check for Leaks                      |        |
| Fasteners                            |        |
| Hoses                                |        |
|                                      |        |

| 12. Feed Ram / Mast / Kelly Bars       | Status |
|--|--------|
| Check for Leaks                        |        |
| Mounting Hardware                      |        |
| Kelly Bar Condition and Straightness   |        |
| Upper Packing for Excessive Leaks      |        |
| Upper Packing Set Screw Installed      |        |
| Lower Packing for Excessive Leaks      |        |
| Lower Packing Installation Bolts       |        |
| Check Both Mast Levels                 |        |
| Check Kelly Bar Drift                  |        |
| Upper & Inner Kelly Swivel (650/800)   |        |
| Inner Kelly Cable (650/800)            |        |
| All Cables for Tension and Wear        |        |
|  |        |
| 13. Six Foot Extension                 |        |
| Hoses and Hose Routing                 |        |
| Return Spring or Cat Track Operation   |        |
| 14. Pole Guides                        |        |
| Operate Smooth and Not Bent            |        |
| Mounting Hardware                      |        |
| Tilt and Open/Close Cylinders          |        |
| 15 W I.                                |        |
| 15. Winch                              |        |
| Check Hoses, Fittings, Motor for Leaks |        |
| Winch Gearbox for Leaks                |        |
| Mounting Hardware                      |        |
| Brake Pedal Operation                  |        |
| Brake Speed and Adjust                 |        |
| Verify Brake Holds Under Load          |        |
| Load Line                              |        |
| Hook, Safety Latch                     |        |
| Winch Spring                           |        |
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| 16. Controls                           | Status |
|--|--------|
| Operation Of All Controls              |        |
| Check for Leaks                        |        |
| Control Labels - Hand Signal Chart     |        |
| Throttle Control Operation             |        |
| Electrical Components                  |        |
| Boom Angle Placard & Indicator         |        |
| Boom Load Chart                        |        |
| Audible Warning Device                 |        |
| Emergency Stop                         |        |
| Mounting Hardware and Fasteners        |        |
| Unit Wiring                            |        |
| Gauges                                 |        |
|  |        |
| 17. Operator Platform                  |        |
| Seat Pins in Travel and Drill Position |        |
| Platform Rotation Cylinder             |        |
| Seat Condition                         |        |
| Platform Hardware and Fasteners        |        |
| Grab Handles, Railing and Ladders      |        |
|  |        |
| 18. Sub Frame and Turntable            |        |
| Mounting Hardware and Fasteners        |        |
| Chain Tension and Adjustment (330)     |        |
| Bearing Bolts (650-800)                |        |
| Rollers and Hold Down (330)            |        |
| Rotation Gearbox                       |        |
| Oil Level                              |        |
|  |        |
| 19. Base Frame                         |        |
| Rotation Stops                         |        |
| Anchor Bolts                           |        |
| Check Hydraulic Cylinders for Leaks    |        |
| Cylinder Pins, Keepers                 |        |
| Foot Assembly and Pins                 |        |
| Holding Valves / Locks (Drift Test)    |        |
| Hose Condition and Routing             |        |
| Control Valves                         |        |
| Mirrors to Observe Outriggers          |        |

| 19. Base Frame (Cont.)        | Status |
|-------------------------------|--------|
| Boom Interlock System         |        |
| Outrigger Motion Alarm        |        |
|                               |        |
| 20. Water Tank and Water Pump |        |
| Check for Leaks               |        |
| Damage                        |        |
| Pump Operation                |        |
| Valve Operation               |        |
|                               |        |
| 21. Tooling Inspection        |        |
| Retaining Pin                 |        |
| Teeth                         |        |
| Flighting                     |        |
| Point                         |        |
|                               |        |
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| Model / Seria                   | al#                         | Summary Page Unit Number   |
|---------------------------------|-----------------------------|--|
| Number                          | R/C/I                       | Description  |
|                                 |                             |  |
|                                 |                             |  |
|                                 |                             |  |
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|                                 |                             |  |
|                                 |                             |  |
| ompleted, the O C) Check and re | wner/User s<br>epair as nec | tion Decal will be placed on the unit and marked as Immediate Repairs Required. <u>Once repairs have been</u><br>shall date and sign the Decal before returning to service.<br>essary on scheduled routine maintenance. Inspection decal will be placed on the unit. |
| /<br> ote:<br>Owner/User is r   | esponsible t                | corrective action required at this time. Inspection decal will be placed on the unit.  to have repairs performed before use. dations as to frequent and/or periodic inspection and maintenance schedules must be followed for safe                                   |
|                                 |                             | ed (YesNo)   |
|                                 |                             | check of critical fasteners (YesNo). If checked, work order #ourchase inspection   |
| Customer Si                     | ignature                    | Print Name   |
| nspector Si                     | gnature                     | Date   |