



## 650 Auger Drill Check-In Inspection

Shop Order \_\_\_\_\_

Test Date \_\_\_\_\_

Customer \_\_\_\_\_

Location \_\_\_\_\_

Inspector \_\_\_\_\_

Inspector # \_\_\_\_\_

### Chassis and Unit Information

Chassis Year \_\_\_\_\_

Chassis Model \_\_\_\_\_

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

License \_\_\_\_\_

Odometer \_\_\_\_\_

Eng. HR/Meter \_\_\_\_\_

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

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

Drill Hours \_\_\_\_\_

Drill Depth \_\_\_\_\_



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

### Auger Drill Tasks and Description

### Status

- |   |       |
|---|-------|
| 1. Check engine oil level, at dip stick.  | _____ |
| 2. Check engine coolant, at radiator: <ul style="list-style-type: none"><li>• If coolant is needed add 50/50 antifreeze.</li></ul>  | _____ |
| 3. Check to make sure all covers and guards are installed on the machine.   | _____ |
| 4. Check the mast, wear pads and cables, tighten the upper and lower crowd cables (if needed), and inspect sheaves for wear. <ul style="list-style-type: none"><li>• Inspect the upper Kelly swivel.</li></ul>  | _____ |
| 5. Check hydraulic oil level: <ul style="list-style-type: none"><li>• The oil should be to the top level on the site glass mounted on the rear of the hydraulic tank.<ul style="list-style-type: none"><li>○ If the oil level is low add 10W hydraulic oil.</li></ul></li></ul> | _____ |
| 6. Grease the complete unit. Refer to the maintenance manual for proper procedures.   | _____ |
| 7. Check all nylon wear pads for wear on the main frame and outer Kelly swivel areas.   | _____ |
| 8. Inspect the service winch cable, sheaves, hook and latch for damage.   | _____ |
| 9. Check elevating cylinder area for leaks and worn or loose mounting bolts.  | _____ |
| 10. Check leveling cylinder area for leaks and worn or loose mounting bolts.  | _____ |
| 11. Check the turntable area. <ul style="list-style-type: none"><li>• Verify the turntable bearing and tooth wear slack in the swing area on the sprocket. If there is any lateral movement in the bearing, it must be replaced.</li></ul>                                      | _____ |

If any questions you can reach Dale Putman @ (903) 814-7494 or at <mailto:dale.putman@terex.com>



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### Auger Drill Tasks and Description

Status

12. Start the drill engine and set the outriggers. \_\_\_\_\_
- Stand the boom up using the elevating lever (pull back to raise and push to lower), letting out the Inner Kelly winch cable as you raise the boom and take in the Inner Kelly winch cable when lowering the boom, until the boom is standing straight up and level. Refer to operator's manual for proper procedures.
  - With mast standing up place your foot on the Inner Kelly brake release and make sure the Inner Kelly Bar floats down when you push the foot pedal down. Let off the pedal to raise the Kelly Bar back up.
  - Put the unit in gear, running the kelly bar forward and reverse, checking the gear boxes for gear damage. Refer to the operator's manual for proper procedures.
  - Check that the final drive and right angle 90 weight oil level is up to plug level.

**NOTE:** Remove the lower drain plug in the right angle and final drive and check for metal in the oil. This will indicate if a problem exists with the gears or bearings in the gear box.

13. Run all the functions of the unit, checking for leaks. \_\_\_\_\_
- Look over the unit for hydraulic leaks at the cylinder rods, valves, transmission area and fittings after running all the controls. Refer to operator's manual for proper procedures.
14. Check the hydraulic filter indicator on top of the filter. If the filter is showing red, change out the hydraulic filter. \_\_\_\_\_
15. Check to make sure all decals are in place and are undamaged and legible. \_\_\_\_\_
16. Bolt Maintenance: \_\_\_\_\_
- Be sure all bolts are tight and not damaged.
  - Pay particular attention to the critical areas such as the mast, turn table bearing area, right angle drive pivot, final drive, elevating and leveling cylinder pivots, or any areas where loose bolts could cause a component to fall and cause injury.



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) Information only, no corrective action required at this time

Note:  
 •Manufacturer’s recommendations as to inspections and any overhaul schedules must be followed to assure safe operation of this unit.

•Chassis inspection should be performed in accordance with the DOT form.

Inspector Name (Print Name) \_\_\_\_\_

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