

Technical Bulletin

No: TB043

Rev: 1

Date: August 16, 2007

Description: Top Drive Inspection Schedule Modification



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BACKGROUND INFORMATION:

In order to provide customers with increased drilling time between mandatory re-certifications, TESCO has developed a new inspection program. This new program uses a series of field inspections as a means of monitoring the health of the top drive between full mandatory re-certifications. This will permit an extension of the re-certification interval from 500 to 1,000 operating days. The new inspection program incorporates a series of mandatory field based inspections at 250, 500 and 750 days. The field inspection intervals are based on historical operating data and are designed to meet the recommendations of TESCO engineering and OEM non-destructive testing and maintenance guidelines.

Please note that this new inspection schedule is to be used for normal drilling and is not intended to replace the extra inspections that are required following rough drilling and jarring.

The following table provides the part number for the re-certification documents to be used in this new inspection program. There is also an overview document (doc # 882055 Rev 0) available that describes the importance of the inspection program and provides instructions for field technicians.

Product	Field Inspection Document	1,000 Day Re-Certification Document
150 EMI 400	882044	882050
250 EMI 400	882044	882050
250 EMI 450	882044	882050
500 EC 900	882018	882005, 882010
500 ECI 900	882018	882005, 882010
650 ECI 900	882018	882005, 882010
650 ECI 1350	882018	882004, 882005
250 HMI 600	882040	882007, 882008
500 HCI 750	882019	882006, 882009
600 HCI 1205	882019	882006, 882009
500 HC 750	882019	882006, 882009
500 HS 750	882019	882006, 882009
650 HS 1100	882019	882006, 882009
350 EXI 600	882053	882051
250 HXI 700	882054	882052

Copies of the field inspection and re-certification documents can be located on the TESCO intra-web at <http://helen/C12/TechDocs/Top%20Drive%20Products/Forms/new%20view.aspx>. The documents for each top drive can be found by navigating to the appropriate top drive product.

AFFECTED PRODUCT:

This change is applicable to all TESCO electric and hydraulic top drive systems.

ACTION REQUIRED:

The user should determine the total number of operating days on the unit at this time and use the following guide to determine the course of action to initiate the new inspection procedure:

- For operating days less than 250 – wait until 250 days and complete 250 day field inspection.
- For operating days greater than 250, but less than 400 – immediately perform a 250 day field inspection.

- For operating days greater than 400, but less than 600 – immediately perform a 500 day field inspection.
- For operating days greater than 600 – immediately perform a full 1,000 day re-certification.

Once the initial inspection or re-certification has been completed the 250, 500, 750 and 1,000 day program can be followed as per usual.

Contact your local TESCO Parts and Service Center for further information regarding this bulletin and or supply of affected components noted above.