

Technical Bulletin

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Description: Non-API Spec 8C components in Casing Drive System™ Applications



TESCO

Tesco Corporation
6204 – 6A Street SE
Calgary, Alberta T2H 2B7
Phone: (403) 692 5700
www.tescocorp.com

Introduction

In following accepted industry practice TESCO designs and builds Top Drive systems in accordance with the API Specs 8A and/or 8C “Specification for Drilling and Production Hoisting Equipment”. Drill string components below and adjoining the Top Drive such as safety valves and saver subs are designed and built to API Spec 7.

Casing Drive Systems™ manufactured by TESCO are relatively recent technology and are not directly mentioned in any API specification. TESCO has chosen to build Casing Drive Systems™ in accordance with API Spec 8C, presuming them to fill the same role as elevators and other hoisting equipment.

When TESCO Casing Drive Systems™ are attached to any Top Drive system, components such as safety valves and saver subs (possibly built to API Spec 7) will be in the direct load path when handling casing loads.

This bulletin is issued to inform users and to outline potential alternatives should the user determine action is required.

Components Affected

All Top Drive components placed in the load path when used with the TESCO Casing Drive System™.

Action Required

Users of TESCO Casing Drive Systems™ must evaluate the design specification and subject components’ condition, irrespective of manufacturer, to determine the suitability of these components for use in the intended service conditions. Users who wish to operate with a full API Specification 8C load path may choose to replace the existing safety valve assembly and saver sub with components built in accordance with API Spec 8C. Crossover Subs built in accordance with API Spec 8C are available from TESCO to connect the Casing Drive System™ directly to the Top Drive quill or 8C rated components.

Please contact Tesco Corporation at the following email address or your local representative on issues specific to this bulletin.

Safety_Technical_Bulletins@TescoCorp.com