



TECHNICAL BULLETIN TB018

From: Tesco Products - Technical Solutions

Date: May 13 2004

Re: Tecnor Panel Switch Replacement

INTRODUCTION

Tesco Corporation supplies electrical control panels with standard Topdrive Systems that are mounted on the drilling rig floor. These panels are manufactured to comply with hazardous area guidelines as outlined in API standard RP-500. Tesco also manufactures control panels for Rigs, PPMs (Push Pull Machines) and CDS (Casing Drive Systems) that are manufactured using the guidelines noted above.

TECHNICAL ISSUE

The manufacturer of switch contact blocks rated Zone 2, hazardous area used in Topdrive systems has discontinued the CSA or UL approvals and the devices are therefore no longer available. Tesco now uses an alternate manufacturer to supply rated and certified switches. The replacement switches now supplied through Tesco require mounting holes to be enlarged from 22mm to 30mm.

MODELS AFFECTED

HMI 150/200/250T, HC 500T, HS 500/650T, HCI 500/650T EMI 250T, EC 900HP 500T, ECI 900/1350HP 500/650T, Tesco Rigs, PPMs and CDS HPUs

ACTION REQUIRED

Contact Tesco Part Sales to purchase upgrade tool kits to enlarge panel mounting holes or to purchase replacement switches, contact blocks or pilot lights.

If there are any questions about or concerns with this document please contact Tesco Products [Technical Solutions](#) (403)-233-0757