



CERTIFICATE OF APPROVAL

This is to certify that the following product has been approved by Fearnley Procter UK Ltd.

Date of Approval: 15/12/2010

Cert/NS-1™ Approval Number: 0061/10-2

Valid Until: 14/12/2011

Review Number: FPUK 3505

Reviewed Against: General Requirements of Fearnley Procter NS-1™ Quality and Inspection Requirements for New and Refurbished Drilling and Well Completion Equipment, Edition 2 – January 2006

03.60.00.1110 Revision Date: November 2004 Rev 3, Drill Stem Substitutes, Low Alloy Steel, Non-Sour Service.

Candidate: **NOV Oilwell Varco UK Limited** Badentoy Crescent, Badentoy Park, Portlethen, Aberdeen, AB12 4YD, Scotland

Product: **Motor Catch Top Sub w/flex groove**

FEARNLEY PROCTER NS-1™ LEVEL 2 PRODUCT APPROVAL

Scope:

A Level 2 Design Review was performed on NOV Oilwell Varco Motor Catch Top Sub w/flex groove against the requirement of Fearnley Procter NS-1™ Quality and Inspection Requirements for New and Refurbished Drilling and Well Completion Equipment, Edition 2 – January 2006 and that the product was designed with consideration to catastrophic failure avoidance. Evaluations are conducted based on failure modes more commonly observed when equipment is used for purposes for which they were designed.

Any changes/revisions to the essential design stated in the supplied drawings by NOV Oilwell Varco and documented in FPUK Job Report 3505 will render the product "unapproved" subject to FPUK review of the changes.

Approved By:

A handwritten signature in black ink, appearing to read 'Kevin Fearnley', is written over a horizontal dotted line.

Kevin Fearnley
(Chairman NS-1™ Technical Review Committee)