



REVIEW NO > 2017-224  
CERTIFICATE NO > 0106/17-4  
APPROVAL DATE > 25<sup>th</sup> November 2017  
EXPIRY DATE > 24<sup>th</sup> November 2019  
REGISTERED SINCE > 25<sup>th</sup> November 2012

**FACILITY  
APPROVAL  
2018**

# Drilling Tools & Remedial Facility - Schlumberger Technology Corporation & Smith International, Inc.

1310 RANKIN ROAD, HOUSTON, TEXAS, USA. 77073.

**Fearnley Procter** Certify that the above company's  
Quality Management System has been assessed and found compliant with

**Spec Q1 (API) 9<sup>th</sup> Edition**

(Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry)  
&

**Fearnley Procter NS-1™ Edition 3 Quality and Inspection Requirements  
for New and Refurbished Drilling and Well Completion Equipment Standards.**

#### SCOPE

> Heavy Weight Drill Pipe  
with Welded Tool Joints

#### SPECIFICATIONS

> NS.03.30.80.1110 Incorporating the  
requirements of API Spec 7-1 & Spec 7-2

#### SERVICE/PROCESS

> Heat Treatment, Machining, Threading, Cold Rolling  
of Threads, Surface Treatment, Inspection, & Testing  
of Tool Joints  
> Machining & Inspection of Pipe Body  
> Assembly, Inspection & Testing of Heavy Weight Drill  
Pipe



**Fearnley Procter Group**  
Non-productive-time Solutions

Issued By  
**Kevin Fearnley**  
Chairman NS-1™ Technical Review Committee

A handwritten signature in black ink, appearing to read 'Kevin Fearnley'.

**CONDITIONS: 1)** All stated processes to be performed at the above facility with the exception of cold working of SRG and Boreback which shall be performed by Superior Shot Peening Inc., Houston, in accordance with procedure No. ES7 40664. **2)** Deep Hole Boring and Heat Treatment of Heavy Weight Drill Pipe Body performed by Timken. **3)** Casing friendly Hardbanding shall be applied by Drilco 1310 Rankin Rd Houston TX in accordance with Schlumberger Engineering specification ES5.40751 Revision A. **4)** Inspection of the application of casing friendly hardband shall be performed in accordance with Schlumberger Engineering specification No ES5.39646 Rev E. **EXCLUSIONS: 1)** Spec Q1 (API): Section 5.4 Design and Development and Section 5.7.1.2 Servicing **NOTA BENE: 1)** For approved Hardbanding Processes see Certificate No. 0211.  
**2)** This assessment included the minimum requirements of the referenced API specifications in relation to the NS-1™ specification/s stated in the scope.

To maintain validity during the said period the above named Company must maintain a valid subscription to and comply with the Fearnley Procter NS-1™ Quality and Inspection Requirements for New and Refurbished Drilling and Well Completion Equipment and API Q1.  
Certificates and Levels of Approval can be verified at [www.fearnleyprocter.com](http://www.fearnleyprocter.com)