



**REVIEW NO** > 2018-313  
**CERTIFICATE NO** > 0164/18-3  
**APPROVAL DATE** > 11<sup>th</sup> September 2018  
**EXPIRY DATE** > 10<sup>th</sup> September 2020  
**REGISTERED SINCE** > 11<sup>th</sup> September 2015

**FACILITY  
APPROVAL  
2018**

# OTTO FUCHS KG

DERSCHLAGERSTR. 26 - 58540 MEINERZHAGEN, GERMANY.

**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

> Aluminium Drill Pipe with  
Shrink Fit Tool Joints

#### SPECIFICATIONS

> NS.03.30.80.7110

#### SERVICE/PROCESS

> Extrusion, Heat Treatment, Solution Heat  
Treatment, Assembly, Inspection and Testing of  
Aluminium Drill Pipe with Shrink Fit Tool Joints



**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. 2) Service Connection of Drill Pipe Body machined by Kemmerich Metal Engineering, An der Mühle 1, 51789 Lindlar Germany. 3) Tool Joints supplied, fully heat treated, machined and tested, complete with Service Connection and Cold Rolled RSC by Pegasus Srl, Polo Stampaggio Favria Italy.

**EXCLUSIONS:** 1) Spec Q1 (API): Section 5.7.1.2 Servicing. **NOTA BENE:** 1) Ultrasonic inspection is performed at the billet stage of manufacture.

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)