



**REVIEW NO** > 2018-341  
**CERTIFICATE NO** > 0162/18-2  
**APPROVAL DATE** > 10<sup>th</sup> August 2018  
**EXPIRY DATE** > 9<sup>th</sup> August 2020  
**REGISTERED SINCE** > 10<sup>th</sup> August 2015

**FACILITY  
APPROVAL  
2018**

# Bossong Engineering Pty Ltd.

26 MCDANIEL ROAD, MINYIRR, WESTERN AUSTRALIA.

**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	SPECIFICATIONS	SERVICE/PROCESS
> Drill Stem Substitutes	> NS.03.60.00.1110 Incorporating the requirements of API Spec 7-1 and Spec 7-2	> Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Surface Treatment, Inspection & Testing
> Drill Collars	> NS.03.38.10.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2	> Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Surface Treatment, Inspection & Testing
> Integral Drill Pipe Pup Joints and Crossover Pup Joints	> NS.03.30.80.1130 Incorporating the requirements of API Spec 7-1, Spec 7-2 & Spec 5DP	> Machining, Threading, Cold Rolling of Threads, Surface Treatment, Inspection & Testing



**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) Heat treated bar to be supplied by the following companies:  
TATA Steel UK, Stocksbridge, Sheffield S362JA and ASCOMETAL, 41 Avenue Foch, 75116, France.  
**EXCLUSIONS:** 1) Spec Q1 (API): Section 5.4 Design and Development and Section 5.7.1.2 Servicing.

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)