



**REVIEW NO** > 2018-088  
**CERTIFICATE NO** > 0151-1/18-5  
**APPROVAL DATE** > 14<sup>th</sup> May 2018  
**EXPIRY DATE** > 13<sup>th</sup> May 2020  
**REGISTERED SINCE** > 14<sup>th</sup> May 2015

## FACILITY APPROVAL 2018

# PetroMaterials (CangZhou) Co., Ltd.

GONGMAOXIAOQU, QINGZHOUZHEN, QING COUNTY, HEBEI, P.R.C.

**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)  
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### 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 Collars	NS.03.38.10.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2	> Heat Treatment, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Surface Treatment, Inspection, & Testing
> Non-Welded Heavy Weight Drill Pipe	NS.03.30.80.1120 Incorporating the requirements of API Spec 7-1 & Spec 7-2	> Heat Treatment, 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	> Heat Treatment, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Surface Treatment, Inspection, & Testing
> Non-Welded Kellies	NS.03.36.12.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2	> Heat Treatment, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, 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)** Drill Collars manufactured from 4145 material and with a diameter of 10" or smaller are certified by this approval. **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 Nos. 0152 and 0202.

**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)