



**REVIEW NO** > 2019-224  
**CERTIFICATE NO** > 0099/19-5  
**APPROVAL DATE** > 22<sup>nd</sup> August 2019  
**EXPIRY DATE** > 21<sup>st</sup> August 2021  
**REGISTERED SINCE** > 22<sup>nd</sup> August 2012

**FACILITY  
 APPROVAL  
 2019**

# Pipe & Drilling Tools Manufacture Co., Ltd.

PETRO & HIGH-TECH INDUSTRIAL PARK ECONOMIC DEVELOPMENT ZONE, PANJIN CITY, LIAONING 124013 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) &

### Fearnley Procter NS-1<sup>TM</sup> Edition 3 Quality and Inspection Requirements for New and Refurbished Drilling and Well Completion Equipment Standards.

#### SCOPE

- > Drill Pipe with Welded Tool Joints
- > Drill Collars
- > Non-Welded Heavy Weight Drill Pipe

#### SPECIFICATIONS

- > NS.03.30.00.1110 Incorporating the requirements of API Spec 5DP & Spec 7-2
- > NS.03.38.10.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2
- > NS.03.30.80.1120 Incorporating the requirements of API Spec 7-1 & Spec 7-2

#### SERVICE/PROCESS

- > Assembly and inspection of Drill Pipe
- > Heat Treatment, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Inspection & Testing
- > Heat Treatment, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Inspection & Testing



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

Issued By  
**Kevin Fearnley**  
 Chairman NS-1<sup>TM</sup> Technical Review Committee

**CONDITIONS:** 1) All stated processes to be performed at the above facility. 2) Drill Pipe Tool Joints are supplied, threaded, cold rolled, machined, and tested thru an NS-1<sup>TM</sup> Approved supply chain. 3) Drill Pipe Bodies are supplied upset, heat treated, and tested thru an NS-1<sup>TM</sup> approved supply chain.

NS-1<sup>TM</sup> status of all providers can be seen by equipment type at: <https://www.fearnleyprocter.com/search-approved-equipment>.

**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. 0100. 2) Drill Collars manufactured from 4145 material and with a diameter of 8" or smaller are certified by this approval. 3) This assessment included the minimum requirements of the referenced API specifications in relation to the NS-1<sup>TM</sup> 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<sup>TM</sup> 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)