



REVIEW NO > FZE2017-027
CERTIFICATE NO > 0099/17-5
APPROVAL DATE > 22nd August 2017
EXPIRY DATE > 21st August 2019
REGISTERED SINCE > 22nd August 2012

**FACILITY
 APPROVAL
 2017**

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

Specs Q1 (API) 9th 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

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

SPECIFICATIONS

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

SERVICE/PROCESS

- > Upset, Heat Treatment, & Inspection of Drill Pipe Body
- > Assembly 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
INTERNATIONAL GROUP LTD

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

CONDITIONS: 1) All stated processes to be performed at the above facility. 2) Drill Pipe Tool Joints supplied fully heat treated, threaded, machined and tested thru NS-1™ Approved supply chain. NS-1™ status of all providers can be seen by equipment type at: <https://www.fp.international/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™ 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.fp.international