



REVIEW NO > 2020-730
CERTIFICATE NO > 0067/21-5
APPROVAL DATE > 31st March 2021
EXPIRY DATE > 30th March 2023
REGISTERED SINCE > 10th February 2011

**FACILITY
APPROVAL
2021**

Jiangsu Shuguang Huayang Drilling Tool Co., Ltd.

SHUGUANG AVENUE # 18, BAIMI TOWN, JIANGYAN DISTRICT, TAIZHOU CITY, JIANGSU PROVINCE, 225532 P.R.C.

Fearnley Procter Certify that the above company's
Quality Management System has been assessed and found compliant with

Spec Q1 (API) 9th Edition

(Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry)
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Fearnley Procter NS-1TM Edition 3 Quality and Inspection Requirements for New and Refurbished Drilling and Well Completion Equipment Standards.

SCOPE

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

SPECIFICATIONS

- > 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
- > NS.03.30.00.1110 Incorporating the requirements of API Spec 5 DP & Spec 7-2
- > NS.03.30.80.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2

SERVICE/PROCESS

- > 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
- > Upset, Heat Treatment, Assembly, Inspection & Testing
- > Heat Treatment, Machining, Inspection & Testing of Heavy Weight Drill Pipe Body
- > Assembly of Heavy Weight Drill Pipe



Fearnley Procter Group
Non-productive-time Solutions

Issued By
Kevin Fearnley
Chairman NS-1TM 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 Pipe and HWDP tool joints supplied fully heat treated, threaded & tested thru NS-1TM Approved supply chain. NS-1TM status of all providers can be seen by equipment type at: <https://www.fearnleyprocter.com/search-approved-equipment>.

EXCLUSIONS: 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. 0094 and 0224.

2) This assessment included the minimum requirements of the referenced API specifications in relation to the NS-1TM specifications stated in the scope.

3) Drill Pipe Heavy Weight with Welded Tool Joints registered first approval is 11th June 2012.

To maintain validity during the said period the above named Company must maintain a valid subscription to and comply with the Fearnley Procter NS-1TM 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