



REVIEW NO > 2018-140
CERTIFICATE NO > 0116/18-4
APPROVAL DATE > 20th June 2018
EXPIRY DATE > 19th June 2020
REGISTERED SINCE > 20th June 2013

**FACILITY
APPROVAL
2018**

Henan Zhongyuan Special Steel Equipment Manufacturing Co., Ltd

JIYUAN CITY HENAN PROVINCE, 459008, 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)
&

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
- > Non-Welded Kellies
- > Integral Blade Stabilisers & Replaceable Blade Stabilisers
- > Non-Magnetic Drill Collars

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.03.36.12.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2
- > NS.03.38.82.1110 Incorporating the requirements of API Spec 7-1 & Spec 7-2
- > NS.03.65.00.3110 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
- > 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
- > Forging, Machining, Threading, Cold Rolling of Threads & Stress Relief Features, Inspection & Testing



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.

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. 0143.

2) The facility shall obtain customer's written approval for using LEEB method in surface hardness test. **3)** This assessment included the minimum requirements of the referenced API specifications in relation to the NS-1TM 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-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