



REVIEW NO > 2019-572
CERTIFICATE NO > 0194/20-2
APPROVAL DATE > 15th January 2020
EXPIRY DATE > 14th January 2022
REGISTERED SINCE > 15th January 2018

**PROCESS
APPROVAL
2020**

Shanghai Hilong Drill Pipe Co., Ltd.

NO. 1825 LUODONG ROAD, BAOSHAN INDUSTRIAL ZONE, SHANGHAI, 200949, 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-1™ Edition 3 Quality and Inspection Requirements
for New and Refurbished Drilling and Well Completion Equipment Standards.**

SCOPE

- > BoTn 1000
- > BoTn 3000

SERVICE/PROCESS

- > Initial Application of Non NS-1™ Approved Hardband Wire onto the Tong Space of Drill String Members
- > Initial Application of Non NS-1™ Approved Hardband Wire onto the Tong Space of Drill String Members



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'.

EXCLUSIONS: Spec Q1 (API): Section 5.4 Design and Development and Section 5.7.1.2 Servicing.

NOTA BENE: 1) Certificates to which this Process approval applies: 0045 and 0134.

2) BoTn 3000 registered first approval - June 26, 2019.

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