

LLOYD'S REGISTER TYPE APPROVAL

Issue by: Lloyd's Register Quality Assurance, Inc.

Issued to: Lokring Technology LLC

For: Elastic Strain Preload (ESP) -Low Temperature Carbon Steel - 333 Process Fittings for Sour Service (LTCS)
& Carbon Steel fittings (MAS)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2017) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Lloyd's Register Type approval application Feb 11 , 2021

PQA assessment report June 2, 2021

ISO 9001 DNV GL Certificate 241471-2017-AQ-USA-ANAB valid till May 31, 2023



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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register Quality Assurance, Inc., reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.