

Certificate No: MSARC0000AXW

RECOGNITION CERTIFICATE

This is to certify:

That DNV GL recognizes the manufacturer's procedures and processes for production and quality control applied for the manufacturing of the below products. The procedures and processes have been found to meet the quality and safety levels set forth in the DNV GL Rules.

for product(s) slewing bearing - crane, thruster and offshore gangway Gear and Adapter ring - thruster steering

Manufacturer

thyssenkrupp Rothe Erde GmbH Lippstadt, Germany

This Certificate is valid until **2021-03-31**.

Issued at Essen on 2018-02-20



for **DNV GL**

This document has been digitally signed and will therefore not have handwritten signatures

Pfahlert, Andre Team Leader Station

Successful periodical assessments are a precondition for the validity of this certificate. The current status of the certificate is shown on http://approvalfinder.dnvgl.com/