DNV·GL

Certificate No:
TAD000019C

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Marine Riser Equipment

with type designation(s)
Telescoping Joint Packer

Issued to
LORD Corporation
Cary, NC, USA

is found to comply with
DNVGL-OS-E101 – Drilling facilities, Edition January 2018
DNVGL-SI-0166 – Verification for compliance with Norwegian shelf regulations, Edition July 2018

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL. when accompanied with a DNV GL Product Certificate (PC).

Issued at **Houston** on **2020-04-30**
This Certificate is valid until **2025-04-29**.
DNV GL local station: **Certification & Inspection Services**

Approval Engineer: **Mark Miser**

for **DNV GL**

Christian Nilsen
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

The telescopic joint packer provides a seal in the annular space between the inner and outer barrels of the telescopic joint. This product is for Cameron supply only.

The equipment is manufacturerd at the following locations:

- LORD Corporation, Cambridge Springs, PA, USA

Application/Limitation

Design Parameter	Value
Rated Working Pressure	: 500 psi
Minimum Design Temperature	: 32°F to 180°F
Designation of Systems; Equipment	: Marine Drilling Riser; Telescopic Joint, Packer
Service	: Standard

Type Approval documentation

Tests carried out

Marking of product

Marking shall:

1. Be reviewed and approved by the DNV GL local surveyor
2. Identify and differentiate each production unit <i.e. serial number>
3. Establish traceability to product design and fabrication documentation
4. Be in accordance with API 16F

Periodical assessment

For retention of the Type Approval, DNV GL's surveyor shall perform periodic surveys in accordance with DNV GL Type Approval Scheme DNVGL-CP-0338.