DNV·GL

Certificate No:
TAD000019A

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Hoisting, Rotation and Pipehandling Equipment

with type designation(s)
24" - 30" 150 Ton SLX Double Door Elevator: P/N 52755

Issued to
Varco BJ B.V.
Etten-Leur, Noord-Brabant, Netherlands

is found to comply with
DNVGL-OS-E101 – Drilling facilities, Edition January 2018

Application :

The elevator is designed for lifting and suspending tubular goods.

Issued at **Høvik** on **2020-03-27**
This Certificate is valid until **2025-03-26**.
DNV GL local station: **Netherlands CMC**

Approval Engineer: **Hallvard Thune Uglane**

for **DNV GL**

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Per Esvall
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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Job Id: **262.1-014097-2**
Certificate No: **TAD000019A**

Reference Standards
API Spec 8C, Specification for Drilling and Production Hoisting Equipment (PSL1 and PSL2), 5th Edition

Product description
24"-30" 150 Ton SLX Double Door Elevator
Part no 52755
Maximum bore 30 1/2", minimum bore 23 1/4"

Application/Limitation
Maximum load rating: 1340 kN (150 short ton)
Minimum design temp: -20 °C (-4 °F).

Type Approval documentation

Tests to be carried out

Test procedures:

1. Each product is to be tested according to DNV GL's Offshore Standard DNVGL-OS-E101 "Drilling Facilities", January 2018, Ch.2, Sec.8, 4.1, including proof load test according to API Spec 8C, Ch 8.6.
2. Charpy impact testing shall be performed in accordance with DNVGL-OS-E101 "Drilling Facilities" Ch.2, Sec.2, 2.6.
3. Qualification of welders, welding- and heat treatment procedures shall be in accordance with DNVGL-OS-E101 "Drilling Facilities" Ch.2, Sec.8, 2.3 to 2.5.

PSL 2

4. PSL 2 units shall meet the stricter demands for materials, welding, quality control (NDE) and as described in Chapters 6, 7 and 8 respectively in API Spec 8C.

Marking of product
For tracability and compliance with API 8C, Sec. 10, each unit should as a minimum be marked with:

- API Spec 8C
- PSL number
- Load rating
- Component traceabiliy
- Drillpipe size and style (if used for lifting drillpipes)

Periodical assessment
For retention of the Type Approval, DNV GL Surveyor shall perform a survey – every second year and before the expiry date of this certificate. This is in order to verify that the conditions for the type approval are complied with, ref. DNVGL-CP-0338, DNVGL Type approval scheme.

This certificate is a renewal and replaces the earlier issued Type Approval Certificate No. D-5013.

END OF CERTIFICATE