DNV·GL

Certificate No:
TAD00000GH

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Valves

with type designation(s)
Pressure Relief Valves
Part Numbers: See Page 2

Issued to
Oteco
Houston, Texas, USA

is found to comply with
DNVGL-OS-E101 – Drilling plant, Edition July 2015
DNVGL-SI-0166 – Verification for compliance with Norwegian shelf regulations, Edition July 2015

Application :

Max Working Pressure: See Individual Part Description on Page 2
Max Shell Test Pressure: 1.5 x Max Working Pressure
Temperature Class: -20 to 250 °F
Service: General
Product Specification Level: 1
Performance Requirement: 1

This Certificate is valid until **2021-10-17**.

Issued at **Houston** on **2016-10-18**

for **DNV GL**

DNV GL local station: **Approval CMC**

Approval Engineer: **Kevin Bui**

Christian Nilsen
Team Lead

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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References

- API Spec 6A, Specification for Wellhead and Christmas Tree Equipment, 20th Edition
- Project No. PP164119-1, PO No. P002188, Attn. Bradley Hogland

Part Descriptions and Numbers

Description	Part No./Rev.	Drawing No./Rev.
PRV 20513, 2-1502, 0500-1250 WP	132057/A	A-20161/A
PRV 20513, 2-1502, 0500-1250 WP	132058/A	A-20160/A
PRV 21027, 2-1502, 1000-2500 WP	132056/A	A-20159/A
PRV 21027, 2-1502, 1000-2500 WP	132060/A	A-20158/A
PRV 21050, 2-1502, 1000-5000 WP	132052/A	A-20156/A
PRV 21050, 2-1502, 1000-5000 WP	132055/A	A-20157/A
PRV 30525, 3-1502, 0500-2500 WP	133056/A	A-20155/A
PRV 30525, 3-1502, 0500-2500 WP	133057/A	A-20154/A
PRV 30550, 3-1502, 1000-5000 WP	133052/A	A-20152/A
PRV 30550, 3-1502, 1000-5000 WP	133055/A	A-20153/A

Type Approval Documentation

- Drawings:

Title	Drawing No./Rev.	Note

- Material Specifications:

- Notes:

  Other part numbers or updated revisions may be acceptable under this TAC provided critical aspects of the design remain the same. Changes shall be documented and approved via ECN or similar by Oteco Engineering and/or QA. DNV GL Surveyor shall verify the changes before issuance of Product Certificate.

Calculation Reports

- See Design Pacakge.

Test Reports

- See Design Pacakge.

Fabrication Procedures

- Procedures related to NDE, welding, testing, marking etc shall be reviewed by DNV GL Surveyor.

Marking of Products

- For traceability, the product shall be marked at least with part number and serial number.

Periodical Assessments

- For retention of TAC, periodical assessments shall be carried out bi-yearly.

Comments

- This TAC replaces TAC No. D-4727.