



Certificate No:  
**TAD00001JF**

# TYPE APPROVAL CERTIFICATE

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**This is to certify:**

**That the Wellhead Equipment**

with type designation(s)

**Sliding spool assembly, 7 1/16" - 3K**

Issued to

**SRI Energy Inc.**  
**Sugar Land, TX, USA**

is found to comply with

**DNV-OS-E101 – Drilling facilities, Edition July 2021**

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**Application :**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

Issued at **Houston** on **2023-04-18**

This Certificate is valid until **2028-04-17**.

for **DNV**

DNV local unit: **Houston Offshore Services**

Approval Engineer: **Marco Romero**

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**Sowkarthika Seetharaman**  
**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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2022-12

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## Product description

Supram ACE spool is intended to effect and maintain a seal in sour service.

## Application/Limitation

| <u>Design Parameter</u>           | <u>Value</u>                                             |
|-----------------------------------|----------------------------------------------------------|
| Model                             | : Supram ACE                                             |
| Nominal size designation          | : 7-1/16 inches                                          |
| Rated working pressure            | : 3,000 psi                                              |
| Test pressure                     | : 6,000 psi                                              |
| API 6A Material Class             | : EE                                                     |
| API 6A Temperature Rating         | : PU (-20°F to 250°F)                                    |
| API 6A PSL Level                  | : PSL-3                                                  |
| Service                           | : Sour (H2S)                                             |
| Designation of Systems; Equipment | : Well production equipment; Other Pressurized Equipment |

## Type Approval documentation

*Note: Other part numbers or updated revisions may be acceptable under this Certificate, provided critical aspects of the design remain the same. Changes shall be documented and approved (via Engineering Change Notice or similar) by the Manufacturer's Engineering and/or Quality Department as appropriate. DNV's local surveyor shall verify the change before issuance of the Product Certificate.*

## Tests carried out

Hydrostatic Shell Test Report 847-040 according to Test Procedure SES-4.10.4B/Rev. 5 for Assembly Sliding Spool SN 30000847-040

## Marking of product

For traceability, the markings shall:

1. Provide unique identification (i.e. Serial No.)
2. Be in accordance with API 6A
3. Be in accordance with manufacturer's specification(s)
4. Be reviewed and approved by the DNV local surveyor

## Periodical assessment

- The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.
- For retention of the Type Approval, DNV's surveyor shall perform a survey every second year in accordance with DNV Type Approval Scheme DNV-CP-0338, September 2018 Edition