

Certificate No:

**S-6999**

File No:

**686.74**

Job Id:

**262.1-012689-2**

## TYPE APPROVAL CERTIFICATE

### This is to certify:

#### That the Raptor Shackle

with type designation(s)

<b>RS15-70.4.5</b>	<b>RS15-76.4.5</b>	<b>RS15-84.4.5</b>	<b>RS15-89.4.5</b>	<b>RS15-95.4.5</b>
<b>RS15-102.4.5</b>	<b>RS15-105.4.5</b>	<b>RS15-108.4.5</b>	<b>RS15-114.4.5</b>	<b>RS15-117.4.5</b>
<b>RS15-120.4.5</b>	<b>RS15-127.4.5</b>	<b>RS15-133.4.5</b>	<b>RS15-146.4.5</b>	<b>RS15-152.4.5</b>

Issued to

**Schmiedestück-Vertrieb Feuerstein GmbH**  
**Hattingen Nordrhein-Westfalen, Germany**

is found to comply with

**DNV-OS-E302 "Offshore mooring chain" October 2013**

### Application :

**To be used for Temporary and Mobile Mooring**  
**as defined in DNV-OS-E301, Position Mooring, October 2013**

This Certificate is valid until **2019-06-30**.

Issued at **Høvik** on **2015-02-02**

DNV GL local station: **Essen**

Approval Engineer: **Pierre-Eric Moulia**

for **DNV GL**

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**Inger-Helene Hals**  
**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.