

# TYPE APPROVAL CERTIFICATE

## This is to certify:

### That the Couplings for LNG/LPG

with type designation(s)

**Cryogenic Break-away Couplings (CBC) and Powered Emergency Release Couplings (PERC)**

Issued to

**Mann Teknik AB**  
**MARIESTAD, Sweden**

is found to comply with

**DNV GL rules for classification – Ships Pt.5 Ch.7 Liquefied gas tankers**

## Application :

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

**Max. working temp.:** -196°C to 65°C

**Max. working press.:** PN10/PN16/ASME Class 150

**Sizes:** See certificate

Issued at **Høvik** on **2018-03-15**

This Certificate is valid until **2022-05-30**.

DNV GL local station: **Gothenburg**

Approval Engineer: **Mehdi Rowshan**

for **DNV GL**

Digitally Signed By: Marveng, Marianne Spæren

Location: DNV GL Høvik, Norway



**Marianne Spæren Marveng**  
**Head of Section**

