

# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAP00000BX**  
Revision No:  
**1**

## This is to certify:

**That the Quick Connecting Coupling for LNG / LPG**

with type designation(s)  
**DCCoupling (Dry Cryo Couplings)**

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 vessels classed by DNV GL.**

**Max. working temp.:** -196°C to +55°C  
**Max. working press.:** PN25 (DN25 to DN100) PN16 (DN150, DN200)  
**Sizes:** DN25, DN50, DN65, DN80, DN100, DN150 and DN200

Issued at **Høvik** on **2019-04-30**

This Certificate is valid until **2022-12-31**.

DNV GL local station: **Gothenburg**

Approval Engineer: **Sinisa Sedlan**



for **DNV GL**

Digitally Signed By: Ragavendhra Rao, Vishnumurthi

Location: DNV GL Høvik, Norway

on behalf of

**Marianne Spæren Marveng**  
**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.

