

Manufacturer's Declaration

IN ACCORDANCE WITH PED 2014/68/EU AND ATEX 2014/34/EU

Mann Teknik AB of Strandvägen 16, SE-542 31 Mariestad, Sweden hereby declares that the products

LNG truck fuelling nozzle of type **N-LNG**
LNG venting nozzle of type **VC-LNG**

are designed and manufactured in accordance with Pressure Equipment Directive 2014/68/EU – Article 4 Chapter 3: Sound Engineering Praxis

and are suitable to be used in LNG fuelling stations

The products above are based on the following standards:

- EN 12516-2:2014 - Industrial valves – Shell design strength - Calculation method for steel valve shells
- EN 12266-1 and 2:2012 - Industrial valves – Testing of valves - Pressure test, test procedures and acceptance criteria - Mandatory and Supplementary requirements
- EN ISO 12617:2017 – Liquefied natural gas (LNG) refuelling connector – 3.1 MPa connector
- EN ISO 16924:2018 – Natural gas fuelling stations – LNG stations for fuelling vehicles
- EN ISO 80079-36:2016 – Non-electrical equipment for explosive atmospheres - basic method and requirements.
- EN ISO 80079-37:2016 – Non-electrical equipment for explosive atmospheres – Non electrical type of protection constructional safety “c”, control of ignition sources “b”, liquid immersion “k”.

The nozzles are production tested according to EN 12266 standard to 100%.

Mann Teknik AB is a certified company by Lloyds Register (Notified Body 0525) according to ISO 9001 and PED 2014/68/EU

Signed on behalf of Mann Teknik AB:
2nd December 2021

Gerhard Kopplin
Technical Department
(ELECTRONIC DOCUMENT, VALID WITHOUT SIGNATURE)