

# ATTESTATION



**TÜVRheinland®**  
Precisely Right.

**Attestation Number: 2016-CERT-007\_03**

**TÜV Rheinland hereby confirms,  
that the tested components as per report R2016-CERT-007**

**Manufacturer's name and address:** HSME Corporation  
8, Hwa Jeon San Dan 5-Ro, Gang Seo-Gu  
618-280 Busan  
Korea

**Trade name or mark:** HSME® / M Tube Fitting®

**Type:** tube fittings for LNG

**Component:** as per attachment of this certificate

**Class:** Class 5 as per the applicable regulation,  
reference is made to the manufacturer's  
recommendations

**fully complied with the requirements of the**

- **ECE Regulation 110-02**
- **State of the art**

**Date of initial attestation:** 2016-05-17  
**Date of re-attestation:** 2022-05-16  
**Expiry Date:** 2024-05-15

Sulzbach/Saar, 2022-05-16

Dipl. Wirt.-Ing FH Volker Witte,  
Inspector, technical expert



## Attachment of

### Attestation Number: 2016-CERT-007\_01 (Cont.)

Material: SS 316/316L

Proven secure assemblies / disassemblies: 20

Dimensions of the tubes to be used  
as approved by the manufacturer

HSME® Identifier and Description

Tube (inch)	Tube (mm)
1/8	4
3/16	-
1/4	6
5/16	8
3/8	10
1/2	12
5/8	15
	16
3/4	18
	20
7/8	22
1	25

Tube to Tube Union	Tube to Male Pipe
AU	AMCT/ART
AUR	AMC-N
AUB	AMCB-N
ABL	AMC-R
AUA	AMC-G
AUBA	AMC-GB
AL	AMC-UF
ALR	AMC-UO
AT	AMC-NO
ATR	ALBM-N
AX	ALBS-UP
AXR	ALM-N
	ALM-R
	ALM-GR
	ALS-UP
	ATRS-UP
	ATBS-UP
	ATRM-N
	ATBM-N
	ATBM-R
	ATBM-N-R
	ATBM-N
	ATBM-R

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**Attachment of**  
**Attestation Number: 2016-CERT-007\_01 (Cont.)**

HSME® Identifier and Description

Tube to Female Pipe	Tube Adapters	Tube to Weld End
ACF-N	ACP	ACSW
ACF-R	ACPR	ALSW
ACF-GG	AR	ACBW
ACBF-N	AAB	ALBW
ALF-N	ALA	ABUW
ATRF-N	ATRA	
ATBF-N	ATBA	
	AAM-N	
	AAM-R	
	AAM-G	
	AAM-UF	
	AAM-UO	
	AMAA	
	AAF-N	
	AAF-R	
	AAF-GZ	
	AAF-GG	
	AAA	

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