



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000034B**

This is to certify:

That

**Milfit Boru ve Baglanti Elemanlari San. ve Tic. A.S.**  
**Balçık Mahallesi Organize Cd. No:79 Gebze/Kocaeli,**  
**Turkey**

is an approved manufacturer of  
**Steel Pipes and Fittings**

in accordance with

**DNV rules for classification – Ships**  
**DNV class programme – DNV-CP-0252 Steel pipes and steel pipe fittings**

and the following particulars:

<b>Product</b>	<b>Pipe fittings (elbows, reducers, tees, caps)</b>
<b>Application area</b>	<b>Pipe fittings</b>
<b>Steel type</b>	<b>Carbon and carbon-manganese</b>
<b>Manufacturing method</b>	<b>Hot formed/cold formed</b>
<b>Max. outer diameter</b>	<b>See page 2</b>
<b>Max. wall thickness</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>See page 2</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.  
Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-12-11**

for **DNV**

This Certificate is valid until **2026-12-10**.

DNV local unit: **Istanbul**

Approval Engineer: **Stefan Röhr**

**Thorsten Lohmann**  
**Head of Section**

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: AM 311

Revision: 2022-12

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## Particulars of the approval

### Pipe fittings

Steel type	Product	Manufacturing method <sup>1)</sup>	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition <sup>2)</sup>
C and C-Mn	Elbows LR	HFS	610	15	acc. to standard
	Elbows SR	HFS	406.4	9.53	acc. to standard
	Reducers	CFS	406.4	12.7	N
	Tees	CFS	323.8	12.7	N
	Caps	CFS	323.8	12.7	N

#### Remarks:

- <sup>1)</sup> HFS: Hot finished seamless (starting material: seamless pipes)  
 CFS: Cold finished seamless (starting material: seamless pipes)
- <sup>2)</sup> N: Normalised
- <sup>3)</sup> Suitable pipe fittings shall be selected from the following recognized standards:  
 EN 10253, ASTM A234, ASTM A403, ASTM A420, ASTM A774, ASTM A815, ASTM A960,  
 ASTM A961, JIS B2312, JIS B2313 or JIS B2316.