



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00001ZH**  
Revision No:  
**2**

This is to certify:

That

**ASIL CELIK SAN. ve TIC. A.S.**  
**Gemic Mahallesi, Gemic Sokak, No:183 Orhangazi / Bursa,**  
**Türkiye**

is an approved manufacturer of  
**Steelmaking and Rolled Steel Products**

in accordance with

**DNV rules for classification – Ships**  
**DNV class programme – DNV-CP-0242 Semi-finished steel products**  
**DNV class programme – DNV-CP-0243 Rolled steel products – non stainless steel**

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Product</b>	<b>Semi-finished products for rolling or forging stock, Round bars for chain cable</b>
<b>Steel type</b>	<b>Carbon and carbon-manganese, Alloy, See page 2</b>
<b>Manufacturing method</b>	<b>Electric arc furnace, continuous casting / ingot casting</b>
<b>Deoxidation</b>	<b>Killed</b>
<b>Max. thickness / diameter</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 **2023-12-15**

for **DNV**

This Certificate is valid until **2026-12-31**.

DNV local unit: **Istanbul**

Approval Engineer: **Dechun Lou**

**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.



**Particulars of the approval**

**Semi-finished products**

Steel type	Product	Steel making <sup>1)</sup>	Delivery condition <sup>2)</sup>
C and C-Mn	Ingot	EAF, IC	AC
	Billet	EAF, CC	AC
Alloy	Ingot	EAF, IC	AC
	Billet	EAF, CC	AC

**Bars for chain cables**

Grade	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness / diameter [mm]	Delivery condition <sup>2)</sup>
NV K1	EAF, CC	Al	220	AR
NV K2	EAF, CC	Al	220	AR
NV K3 (27MnSi5 acc. DIN 17115)	EAF, CC	Al	220	AR

Remarks:

- <sup>1)</sup> EAF: electric arc furnace  
 CC: continuous casting  
 IC: ingot casting
- <sup>2)</sup> AC: as cast  
 AR: as rolled