



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00002N4**  
Revision No:  
**1**

This is to certify:

That

**Steel Dynamics, Inc. - Engineered Bar Products Division**  
**8000 North County Road 225 East**  
**Pittsboro, IN 46167,**  
**USA**

is an approved manufacturer of  
**Steelmaking**

in accordance with  
**DNV rules for classification – Ships**  
**DNV-OS-B101 – Metallic materials**

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Products</b>	<b>Semi-finished products for rolling or forging stock (blooms, billets)</b>
<b>Steel type</b>	<b>Carbon and Carbon-Manganese</b>
<b>Manufacturing method</b>	<b>Electric Arc Furnace/Continuous Casting</b>
<b>Deoxidation</b>	<b>Killed</b>
<b>Max. 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 **2022-08-02**

for **DNV**

This Certificate is valid until **2025-06-30**.

DNV local station: **New York**

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: 2021-03

www.dnv.com

Page 1 of 2

## Particulars of the approval

---

### Semi-finished products

Steel type	Product	Steel making <sup>1)</sup>	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
Carbon and Carbon-Manganese	Blooms, Billets	EAF, CC	180	AC

Remarks:

- 1) EAF: Electric Arc Furnace; CC: Continuous Casting
- 2) AC: As Cast