

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
Nucor Steel Tuscaloosa, Inc.
Tuscaloosa, United States

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product	Hot rolled steel plates
Grade(s)	Rolled steel for structural application
Steelmaking	Electric Arc Furnace (EAF), Ladle Furnace (LF), Continuous casting
Deoxidation	Killed
Fine grain elements	See particulars of the approval
Delivery conditions	See particulars of the approval
Max. thickness/diam.	Max. thickness 20 mm
Remarks	See particulars of the approval

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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2016-11-14**

for **DNV GL**

This Certificate is valid until **2019-12-31**.
DNV GL local station: **New York**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

Job Id: **263.11-006699-1**
Certificate No: **AMMM0000116**

Particulars of the approval

Rolled steel products:

Grade	Product	Supply Condition	Casting Method	Thickness [mm], max.	Micro-alloy
Normal strength steel					
VL A	BL	AR	CC	20	Al
High strength steel					
VL A32, VL A36, VL D32, VL D36,	BL	AR	CC	20	Al+Nb
Non-alloy structural steel acc. to EN 10025-2					
S235JR, S235J0, S235J2, S275JR, S275J0, S275J2, S355JR, S355J0, S355J2, S355K2	BL	Acc. to standard	CC	20	Acc. to standard

BL: plates

AR: as rolled

CC: continuous casting