

# NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

## MILL TEST CERTIFICATE

Nucor Steel Tuscaloosa, Inc.  
 1700 HOLT RD N.E.  
 TUSCALOOSA, AL 35404-1000  
 800 800-8204  
 customerservice@nucorsteel.com

52012113

Load Number	Tally	Mill Order Number	PO NO   Line NO	Part Number	Certificate Number	Prepared
T274378	0000000993502	N-190575-002	15483 2		599350201-1	04/27/2021 10:13
Grade						

Order Description:  
 Hot Roll Plate  
 A36, 0.8750 IN x 96.000 IN x 240.000 IN  
 Quality Plan Description:  
 A36 .751-1.5: ASTM A36-19/A709-36-18/M270-36/ASME SA36-19

Customer:  
 Sold TO:  
 Ship TO:  
 Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CeV	ACI
0C2133DC	20A1061-01 ***	20A1061	0.18	0.84	0.011	0.005	0.03	0.16	0.05	0.05	0.017	0.002	0.004	0.030	0.001	0.007	0.0002	0.0023	0.007	0.35	
1D0660AB	21B3751-02 ***	21B3751	0.18	0.87	0.007	0.004	0.04	0.28	0.08	0.10	0.016	0.000	0.003	0.033	0.001	0.009	0.0001	0.0024	0.005	0.37	
1D0660BA	21B3751-02 ***	21B3751	0.18	0.87	0.007	0.004	0.04	0.28	0.08	0.10	0.016	0.000	0.003	0.033	0.001	0.009	0.0001	0.0024	0.005	0.37	
1D0660CA	21B3751-02 ***	21B3751	0.18	0.87	0.007	0.004	0.04	0.28	0.08	0.10	0.016	0.000	0.003	0.033	0.001	0.009	0.0001	0.0024	0.005	0.37	
1D0766CA	20A3456-02 ***	20A3456	0.19	0.89	0.009	0.003	0.16	0.14	0.05	0.06	0.019	0.002	0.004	0.033	0.002	0.005	0.0002	0.0023	0.006	0.37	
1D0766CB	20A3456-02 ***	20A3456	0.19	0.89	0.009	0.003	0.16	0.14	0.05	0.06	0.019	0.002	0.004	0.033	0.002	0.005	0.0002	0.0023	0.006	0.37	
1D0766DA	20A3456-02 ***	20A3456	0.19	0.89	0.009	0.003	0.16	0.14	0.05	0.06	0.019	0.002	0.004	0.033	0.002	0.005	0.0002	0.0023	0.006	0.37	
1D0766DB	20A3456-02 ***	20A3456	0.19	0.89	0.009	0.003	0.16	0.14	0.05	0.06	0.019	0.002	0.004	0.033	0.002	0.005	0.0002	0.0023	0.006	0.37	

**QC Approved**

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Fully Killed, Fine Grain practice Material is discrete plates, not from coil. Manufactured to a fully killed fine grain practice.

We hereby certify that the product described above passed all of the tests required by the specifications.

*Daniel Green*  
 Daniel Green - Chief Metallurgist

\*\*\* Indicates Heats melted and Manufactured in the U.S.A.

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### MILL TEST CERTIFICATE

Load Number	Tally	M11 Order Number	PO NO   Line NO	Part Number	Certificate Number	Prepared
1724378	0000000993502	N-190575-002	15463 2		599350201-1	04/27/2021 10:13
Grade	Order Description:		Customer:			
	Hot Roll plate A36, 0.8750 IN x 96.000 IN x 240.000 IN Quality Plan Description: A36 .751-1.5: ASTM A36-19/A709-36-18/M270-36/ASME SA36-19		Sold to: St-tn.			
			Sent TO:			

Shipped Item	Certified By	Heat/Slab Number	Yield KSI	Tensile KSI	V/T %	ELONGATION %		Bend OK?	Hard HR	Charpy Impacts (ft-lbs)					Test Temp		
						2"	8"			1	2	3	Avg	1		2	3
OC2133DC	S0C1653FTT	20A1061-01 ***	41.6	64.9	64.1	41.4											
OC2133DC	S0C1671FTT	20A1061-01 ***	39.5	66.1	59.8	42.0											
100660A8	S100660FTT	21B3751-02 ***	42.7	69.4	61.5	41.9											
100660A8	S100660FTT	21B3751-02 ***	42.7	69.4	61.5	41.9											
100660CA	S100660FTT	21B3751-02 ***	42.7	69.4	61.5	41.9											
100766CA	S100766FTT	20A3456-02 ***	41.7	69.5	60.0	40.4											
100766C8	S100766FTT	20A3456-02 ***	41.7	69.5	60.0	40.4											
100766DA	S100766FTT	20A3456-02 ***	41.7	69.5	60.0	40.4											
100766D8	S100766FTT	20A3456-02 ***	41.7	69.5	60.0	40.4											

Items: 8 PCS: 8 Weight: 45739 LBS

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 customer.service@nucorsteel.com

Load Number	Tally	MILL Order Number	PO NO   Line NO	Part Number	Certificate Number	Prepared
R275593	0000000997270	N-189828-010	15430 10		599727001-1	05/05/2021 05:30
Grade	Customer:			Sent TO:		

Order Description:  
 Hot Roll Plate From Coil  
 A36, 0.8750 IN X 96.000 IN X 240.000 IN  
 Quality Plan Description:  
 A36KODM-TRIPLE: ASTM A36-19/A709-36/ASME SA36-19/M270-36 MOD NM

Shipped Item	Heat/Slab Number	Certified By	C	Mo	P	S	S1	Q1	N1	Cr	Mo	Cb	V	A1	T1	N2	B	Ca	Sn	CEV	ACI
1E0097C	21A1609-01 ***	21A1609	0.18	0.90	0.012	0.002	0.07	0.20	0.06	0.10	0.019	0.002	0.004	0.031	0.001	0.008	0.0001	0.0027	0.005	0.37	
1E0097D	21A1609-01 ***	21A1609	0.18	0.90	0.012	0.002	0.07	0.20	0.06	0.10	0.019	0.002	0.004	0.031	0.001	0.008	0.0001	0.0027	0.005	0.37	
Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	V/Y %	ELONGATION %		Bend OK?	Hard HB	Charpy Impacts (Ft-Lbs)			Shear %			Test Temp					
					5	2"	8"			1	2	3	Avg	1	2		3	Avg			
1E0097C	21A1609-01 ***	21A1609	51.7	71.1	72.7	41.7															
1E0097C	21A1609-01 ***	21A1609	49.2	67.7	72.7	41.3															
1E0097D	21A1609-01 ***	21A1609	51.7	71.1	72.7	41.7															
1E0097D	21A1609-01 ***	21A1609	49.2	67.7	72.7	41.3															

Items: 2 PCS: 10 Weight: 57174 LBS

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