

MILL TEST CERTIFICATE

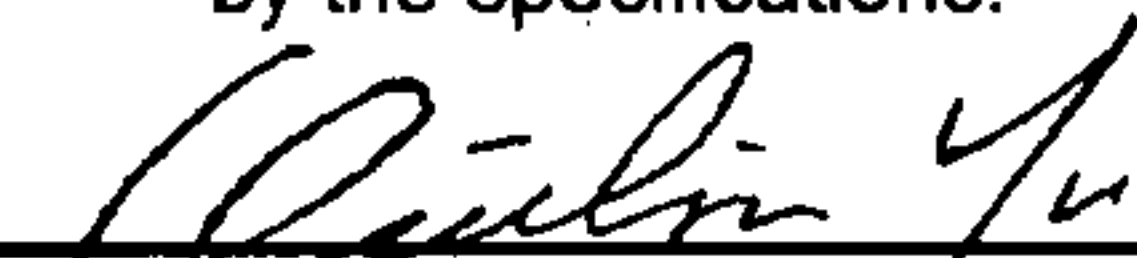
Nucor Steel Tuscaloosa, Inc.
 1700 HOLT RD N.E.
 Tuscaloosa, AL 35404-1000
 800 800-8204
 customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO Line NO	Part Number	Certificate Number	Prepared
R224580	00000000873395	N-175044-001	V17903 01	018096240A36	S87339501-1	08/08/2019 15:09
Grade				Customer:		
Order Description: Hot Roll Plate From Coil A36, 0.1875 IN x 96.000 IN x 240.000 IN				Sold TO:		
Quality Plan Description: A36MODMN-TRIPLE: ASTM A36-14/A709-36-17/ASME SA36/M270-36 MOD MN				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
9H0248D	B9U4833-04 ***	B9U4833	0.18	0.87	0.008	0.005	0.06	0.17	0.06	0.05	0.012	0.000	0.004	0.032	0.000	0.005	0.0002	0.0014	0.007	0.36	
9H0249B	B9U4833-03 ***	B9U4833	0.18	0.87	0.008	0.005	0.06	0.17	0.06	0.05	0.012	0.000	0.004	0.032	0.000	0.005	0.0002	0.0014	0.007	0.36	
9H0249C	B9U4833-03 ***	B9U4833	0.18	0.87	0.008	0.005	0.06	0.17	0.06	0.05	0.012	0.000	0.004	0.032	0.000	0.005	0.0002	0.0014	0.007	0.36	
9H0249D	B9U4833-03 ***	B9U4833	0.18	0.87	0.008	0.005	0.06	0.17	0.06	0.05	0.012	0.000	0.004	0.032	0.000	0.005	0.0002	0.0014	0.007	0.36	
9H0250B	A9U3080-02 ***	A9U3080	0.19	0.88	0.010	0.004	0.05	0.15	0.05	0.06	0.015	0.003	0.004	0.031	0.001	0.007	0.0002	0.0018	0.007	0.37	
9H0250C	A9U3080-02 ***	A9U3080	0.19	0.88	0.010	0.004	0.05	0.15	0.05	0.06	0.015	0.003	0.004	0.031	0.001	0.007	0.0002	0.0018	0.007	0.37	
9H0250D	A9U3080-02 ***	A9U3080	0.19	0.88	0.010	0.004	0.05	0.15	0.05	0.06	0.015	0.003	0.004	0.031	0.001	0.007	0.0002	0.0018	0.007	0.37	

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. Manufactured to a fully killed fine grain practice. NUTEMPER TEMPER PASSED plate from coil ISO 9001:2015 Registered, PED Certified

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


 Dr. Quilin Yu - Metallurgist

*** indicates Heats melted and Manufactured in the U.S.A.

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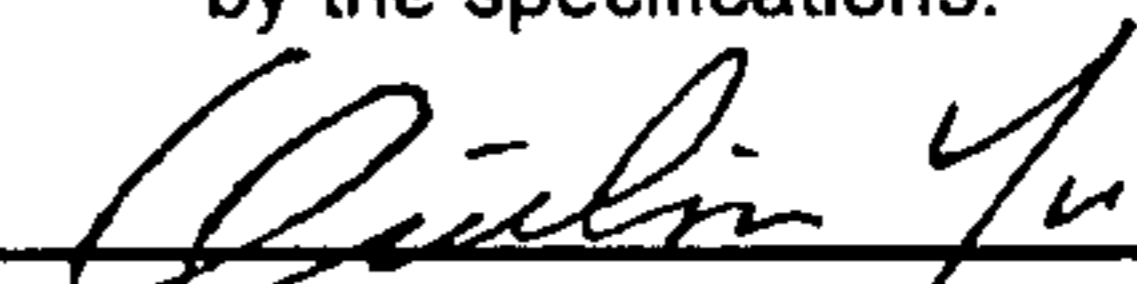
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				Sent TO:		

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION %		Bend OK?	Hard HB	Charpy Impacts (ft-lbs)				Shear %				Test Temp	
						2"	8"			Size mm	1	2	3	Avg	1	2	3		Avg
9H0248D	S9H0246FTT	B9U4833-04 ***	50.5	71.0	71.1	33.3													
9H0248D	S9H0247FTT	B9U4833-04 ***	48.9	70.9	69.0	33.8													
9H0248D	S9H0246MTT	B9U4833-04 ***	47.3	67.7	69.9	35.2													
9H0248D	S9H0247MTT	B9U4833-04 ***	46.5	67.4	69.0	31.5													
9H0249B	S9H0246FTT	B9U4833-03 ***	50.5	71.0	71.1	33.3													
9H0249B	S9H0247FTT	B9U4833-03 ***	48.9	70.9	69.0	33.8													
9H0249B	S9H0246MTT	B9U4833-03 ***	47.3	67.7	69.9	35.2													
9H0249B	S9H0247MTT	B9U4833-03 ***	46.5	67.4	69.0	31.5													
9H0249C	S9H0246FTT	B9U4833-03 ***	50.5	71.0	71.1	33.3													
9H0249C	S9H0247FTT	B9U4833-03 ***	48.9	70.9	69.0	33.8													
9H0249C	S9H0246MTT	B9U4833-03 ***	47.3	67.7	69.9	35.2													
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9H0249D	S9H0247MTT	B9U4833-03 ***	46.5	67.4	69.0	31.5													
9H0250B	S9H0250FTT	A9U3080-02 ***	49.0	71.6	68.4	32.0													
9H0250B	S9H0250MTT	A9U3080-02 ***	45.5	65.8	69.1	30.5													

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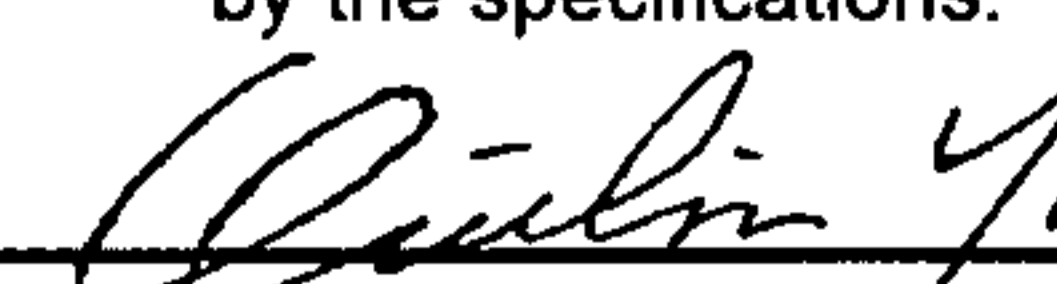
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9H0250D	S9H0250MTT	A9U3080-02 ***	45.5	65.8	69.1	30.5													

Items: 7 PCS: 89 Weight: 109038 LBS

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