



NUCOR STEEL TUSCALOOSA, INC.

# MILL TEST CERTIFICATE

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

Attachment to Material Report  
NO: JE3306152 04/27/2017  
American Bureau of Shipping, Jeffersonville

Load Number	Tally	Mill Order Number	PO NO   Line NO	Part Number	Certificate Number	Prepared
R149437	00000000718696	N-154402-001	284804 1		S71869601-1	04/24/2017 14:47
<b>Grade</b>				<b>Customer:</b>		
<b>Order Description:</b> Hot Roll Plate From Coil ABS B, 0.1875 IN x 96.000 IN x 480.000 IN				<b>Sold TO:</b> NORTH SHORE SUPPLY COMPANY Houston TX		
<b>Quality Plan Description:</b> ABS-B/A131-B: ABS A&B 17/A131-B/A36-14/A709-36-15/ASME SA36-15				<b>Ship TO:</b> NORTH SHORE SUPPLY COMPANY Houston TX		
				<b>Sent TO:</b>		

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	B	Ca	Sn	CEV	ACI
7C2816D	A7P1225-01 ***	A7P1225	0.18	0.85	0.012	0.004	0.06	0.17	0.06	0.08	0.025	0.002	0.003	0.021	0.001	0.013	0.0001	0.0016		0.36

Shipped Item	Certified By	Heat 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		
7C2816D	S7C2816FTT	A7P1225 ***	49.0	69.6	70.4	28.8															
7C2816D	S7C2816MTT	A7P1225 ***	47.4	65.5	72.4	29.3															

Items: 1 PCS: 2 Weight: 4901 LBS

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. Manufactured under the ABS Quality Assurance program Certificate number 10-MMPQA-634. We hereby certify that the information herein has been made to the applicable specifications by the EAF process and tested in accordance with the requirements of the ABS rules with satisfactory results. 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.