



NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

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
R198820	0000000818601	N-167901-001	HOU-33956 1		S81860101-1	10/24/2018 11:04
Grade				Customer:		
Order Description: Hot Roll Plate A36, 1.0000 IN x 96.000 IN x 240.000 IN				Sold TO:		
Quality Plan Description: A36 .751-1.5 ASTM A36-14/A709-36-17/M270-30/ASME SA36				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
8J2284CA	A8W3963-02 ***	A8W3963	0.19	0.87	0.006	0.005	0.05	0.12	0.04	0.05	0.017	0.003	0.004	0.035	0.001	0.008	0.0002	0.0011	0.005	0.36	
8J2284CB	A8W3963-02 ***	A8W3963	0.19	0.87	0.006	0.005	0.05	0.12	0.04	0.05	0.017	0.003	0.004	0.035	0.001	0.008	0.0002	0.0011	0.005	0.36	
8J2284DA	A8W3963-02 ***	A8W3963	0.19	0.87	0.006	0.005	0.05	0.12	0.04	0.05	0.017	0.003	0.004	0.035	0.001	0.008	0.0002	0.0011	0.005	0.36	
8J2284DB	A8W3963-02 ***	A8W3963	0.19	0.87	0.006	0.005	0.05	0.12	0.04	0.05	0.017	0.003	0.004	0.035	0.001	0.008	0.0002	0.0011	0.005	0.36	

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				
8J2284CA	S8J2284FTT	A8W3963-02 ***	39.9	66.4	60.1	41.8																	
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Items: 4 PCS: 4 Weight: 26136 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. Yield strength is determined by the 0.2% offset method unless otherwise noted. Fully Killed, Fine Grain practice. Manufactured to a fully killed fine grain practice.
ISO 9001:2015 Registered, PED Certified

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

Quilin Yu
Dr. Quilin Yu - Metallurgist

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



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