



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						
R055897		00000000542979	N-128553-001		17467 1						L460114-1				02/01/2014 21:56						
Grade							Customer:														
Order Description: Hot Roll Coil A283 C, 0.1875 IN x 70.000 IN							Sold TO: PLESA ANAHUAC Y CIAS SA DE CV TULTITLAN EM														
Quality Plan Description: HRA283C,A36: Coil for conversion to A36-08/A283-C-03							Ship TO: PLESA ANAHUAC Y CIAS S.A. DE C.V ESCOBEDO NL														
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	
4A3584	A4M0422-05 ***	A4M0422	0.19	0.42	0.010	0.002	0.08	0.15	0.09	0.12	0.019	0.000	0.002	0.032	0.001	0.008	0.0000	0.0026	0.006	0.31	
4A3585	B4M5435-01 ***	B4M5435	0.18	0.42	0.010	0.006	0.07	0.16	0.06	0.11	0.016	0.000	0.001	0.034	0.001	0.008	0.0000	0.0032	0.007	0.29	
4A3587	B4M5435-03 ***	B4M5435	0.18	0.42	0.010	0.006	0.07	0.16	0.06	0.11	0.016	0.000	0.001	0.034	0.001	0.008	0.0000	0.0032	0.007	0.29	
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		
4A3584	S4A3584CTT	A4M0422 ***	49.6	68.2	72.7	32.3															
4A3585	S4A3585CTT	B4M5435 ***	50.8	69.8	72.8	28.0															
4A3587	S4A3585CTT	B4M5435 ***	50.8	69.8	72.8	28.0															
4A3587	S4A3586CTT	B4M5435 ***	47.6	69.2	68.8	34.1															

Items: 3 PCS: 3 Weight: 172060 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 to a fully killed fine grain practice. ISO 9001:2008 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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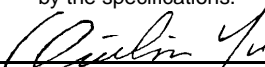
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Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	
4A3584	A4M0422-05 ***	A4M0422	0.19	0.42	0.010	0.002	0.08	0.15	0.09	0.12	0.019	0.000	0.002	0.032	0.001	0.008	0.0000	0.0026	0.006	0.31	
4A3585	B4M5435-01 ***	B4M5435	0.18	0.42	0.010	0.006	0.07	0.16	0.06	0.11	0.016	0.000	0.001	0.034	0.001	0.008	0.0000	0.0032	0.007	0.29	
4A3587	B4M5435-03 ***	B4M5435	0.18	0.42	0.010	0.006	0.07	0.16	0.06	0.11	0.016	0.000	0.001	0.034	0.001	0.008	0.0000	0.0032	0.007	0.29	
Shipped Item	Certified By	Heat Number	Yield MPa	Tensile MPa	Y/T %	ELONGATION %		Bend OK?	Hard HB	Charpy Impacts (J)				Shear %				Test Temp			
						50mm	200mm			Size mm	1	2	3	Avg	1	2	3		Avg		
4A3584	S4A3584CTT	A4M0422 ***	342.0	470.2	72.7	32.3															
4A3585	S4A3585CTT	B4M5435 ***	350.3	481.3	72.8	28.0															
4A3587	S4A3585CTT	B4M5435 ***	350.3	481.3	72.8	28.0															
4A3587	S4A3586CTT	B4M5435 ***	328.2	477.1	68.8	34.1															

Items: 3 PCS: 3 Weight: 78045 KG

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