

**NUCOR®**  
 P.O. Box 279  
 Winton, NC 27986  
 (252) 356-3700

**Mill Test Report**  
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1505 River Rd  
 Coffield, NC 27922  
 (252) 356-3700

**PLATE MILL GROUP**

Issuing Date : 09/21/2022 B/L No. : 632985 Load No. : 65125 Our Order No. : 199337/3 Cust. Order No. : KN 453

Vehicle No: NOKL 725132

Specification: 0.3750" x 108.000" x 480.000"  
 ASTM A36-19/ABS Grade A Jul 2022 MIL-S-22698C Amendment 2 Notice  
 2 Grade A Class U/ASTM A709 Grade 36-21 SA36 2011 Addenda, 2013  
 ASTM A131-19 Grade A

Marking :

Heat No	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Alloy	V	Nb	TI	N	Ca	B	Sn	Ceq	Pcm
2604589	0.06	0.88	0.013	0.002	0.28	0.31	0.12	0.08	0.02	0.024	0.003	0.002	0.001		0.0020	0.0000	0.012	0.25	0.13
<b>Tensile Test</b>																			
Plate Serial No	Pieces	Tons	Dir.	Yield (psi)	Tensile (psi)	Elong. % in 2"	Elong. % in 8"												
2604589-01	3	8.26 T		47,800	63,000		31.2												
				46,300	61,000		32.0												
2604589-07	5	13.78 T		47,800	63,000		31.2												
				46,300	61,000		32.0												
2604589-08	2	5.51 T		47,800	63,000		31.2												
				46,300	61,000		32.0												



5476066  
 26 Sep 2022  
 Laura Bucci

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments, rnhc-Sales@nucor.com  
 Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/5)+(Cr+Mo+V/5)+(Cu+Ni/15)  
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+S  
 Melted and Manufactured in the USA. ISO 9001:2015 certified. PED 2014/68/EU. 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. API Q1-1851  
 DIN 50049 3.1 B/EN 10204 3.1 (2004) 3.1B (1993) DIN EN 10204 3.1 (2005) compliant. ABS QA-3624366

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

*T. A. Depretis*  
 T. A. Depretis, Metallurgist

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