

NUCOR
 P.O. Box 279
 Wilton, NC 27986
 (252) 356-3700

Mill Test Report

1505 River Rd
 Colfield, NC 27922
 (252) 356-3700

AMERICAN ALLOY
 PLATE # 1107503

Issuing Date : 01/11/2023 B/L No. : 639761 Load No. : 657572 Our Order No. : 20226511 Cust. Order No. : 133389
 Vehicle No: NOKL 725108 Sold To: AMERICAN ALLOY STEEL INC
 6230 N HOUSTON ROSSL YN RD
 PO BOX 40469
 NORTH HOUSTON, TX 77091
 Specification: 0.3750" x 120.000" x 490.000"
 ABS AH36 DH36 Jul 2022 ASTM A572-50-21e1/ASTM A709 50-18/ML-S-
 22693C Amendment 2 Class U ASTM A131-19 AH36DH36 Control
 Rolled over .500" CSAG40.21-13 50WT Cat 3AASHTO M270-50 2022
 Marking : 133389

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(%)	V	Nb	Ti	N	Ca	B	Sn	Cq	Pcm
2606157	0.09	1.17	0.010	0.001	0.30	0.24	0.16	0.11	0.02	0.030	0.071	0.003	0.001	0.0152	0.0020	0.0001	0.010	0.35	0.19

Plate Serial No	Pieces	Tons	Tensile Test				Charpy Impacts
			Dir.	Yield	(psi) Tensile	(psi) Elong. % in 2"	
2606157-02	5	15.31	T	64,100	79,300	19.7	
			T	62,100	76,900	23.6	
2606157-03	5	15.31	T	64,100	79,300	19.7	
			T	62,100	76,900	23.6	
2606157-04	5	15.31	T	64,100	79,300	19.7	
			T	62,100	76,900	23.6	
2606157-05	5	15.31	T	64,100	79,300	19.7	
			T	62,100	76,900	23.6	

Certified a true copy of the original, retained in our file.
AMERICAN ALLOY STEEL
J.P. Zilvers

Item 1 (1 PC) 3/8" X 48" X 96"

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Material 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: mc-sales@nucor.com
 Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+(Cr+Mo+V/5)+(Cu/Ni/15)
 Form = C+(S/20)+(Mn/20)+(Cu/20)+(Ni/50)+(Cr/20)+(Mo/5)+(V/10)/58
 Milled and Manufactured in the USA. ISO 9001:2015 certified. PED 2014/68/EU, 97/23/EC 72 Annex 1, Para. 4.3 Compliant. API Q1-1951
 DIN 50049 3.1, EN 10204 3.1(2004) 3.1B(1989) DIN EN 10204 3.1(2005) compliant. ABS CA-3624365

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.

C.L. Cooper
 C. L. Cooper, Metallurgist

1/11/2023 10:19:46 AM

NUCOR
 P.O. Box 279
 Winton, NC 27968
 (252) 356-3700

Mill Test Report

1505 River Rd
 Corfield, NC 27922
 (252) 356-3700

Issuing Date: 01/11/2023 B/L No.: 639761 Load No.: 657572 Our Order No.: 202265/1 Cust. Order No.: 133369
 Vehicle No: NOKL 725106
 Specification: 0.3750" x 120.000" x 480.000"
 ABS AH36 DH36 Jul 2022 / ASTM A572-50-2161/ASTM A709 50-18/MIL-S-22698C Amendment 2 Class U ASTM A131-19 ANS6/DH36 Control
 Rolled over .500" CSA/G40.21-13 50WT Car 3/AASHTO M270-50 2022
 Marking: 133369
 Sold To: AMERICAN ALLOY STEEL, INC
 6230 N HOUSTON ROSSLYN RD
 PO BOX 40069
 NORTH HOUSTON, TX 77091
 Ship To: AMERICAN ALLOY STEEL
 6230 N HOUSTON ROSSLYN RD
 BNSF TR # 7226
 MILE 664 LN SEC 492
 NORTH HOUSTON, TX 77091

Heat No	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Alloy	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
2606157	0.09	1.17	0.010	0.001	0.30	0.24	0.16	0.11	0.02	0.030	0.071	0.009	0.001	0.0152	0.0020	0.0001	0.010	0.35	0.19
Plate Serial No	Pieces	Tons	Charpy Impacts																
			Dir:	(ft-lbs)	(ft-lbs)	(ft-lbs)	(ft-lbs)	Min	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	Min	Temp (°F)	Size
			H-L	1	2	3	Ave	Min	1	2	3	Ave						-22	10mm
2606157-05	5	15.31	H-L	84.7	34.8	92.5	70.7	26										-22	7.5mm
			H-L	116.5	53.2	199.4	123.0	26										-22	10mm

HOT ROLLED CARBON STEEL PLATE

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: nbc-SalesMX@nucor.com
 Yield by 0.5EUL method unless otherwise specified. Cen = C+(Mn/8)+(Cr+Mo+V/5)+(Cu+Ni/15)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+S
 Metel 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/EN 10204 3.1(2004) 3.1B(1989) DIN EN 10204 3.1(2005) compliant. ABS QA-362-4396

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.

C. L. Cooper, Metallurgist
 1/11/2023 10:19:46 AM

06/15/2023 From: AMERICAN ALLOY STEEL, INC.
 P.O.# 242162 S.O.# 743545
 Item 1 (1 PC) 3/8" X 48" X 96"

To: SUPERIOR SUPPLY & STEEL
 AA PL# T67503