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PRODUCT CERTIFICATION

MFG LOT NBR
JP4323-377063

HEAT NUMBER
JP4323

BILL OF LADING
00636112

SALES ORDER/LINE
278345 / 001


CERT ID / REV
00423081 / 01

SOLD TO

**South Atlantic LLC
 Highway 280 West
 Claxton, GA 30417
 USA**

SHIP TO

**South Atlantic LLC
 Highway 280 West
 Claxton, GA 30417
 USA**

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	BUNDLE(S)	TOTAL PIECES	GRADE	SHIPMENT DATE					
60274	SA2122	41,328	8	504	A36/A529	11/29/2023					
PART NUMBER: BA004982000ZZ		DESCRIPTION: Angle 2 1/2 x 2 1/2 x 1/4 20'0" A36/A529									
Alt Certs											
ASTM A36/A36M-19 ASTM A36/A36M-19 CU BEARING ASTM A529/A529M-19 GR50 ASTM A529/A529M-19 GR55 ASTM A529/A529M-19 GR55 (S78) ASTM A572/A572M-21 GR50 Type 2 ASTM A572/A572M-21 GR55 Type 2 ASTM A709/A709M-21 GR36 ASTM A709/A709M-21 GR36 CU BEARING ASTM A709/A709M-21 GR50 Type 2 CSA G40.21-13 GR44W CSA G40.21-13 GR50W CSA G40.21-13 GR55W AASHTO M270/M270M-20 GR36 AASHTO M270/M270M-20 GR36 CU BEARING AASHTO M270/M270M-20 GR50 Type 2 ASME SA36/SA36M-19 (01JUL19) ASME SA572/572M-17 GR50T2 (01JUL19)											
Chemical											
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	Nb	CE
0.14	0.95	0.016	0.011	0.22	0.12	0.08	0.02	0.31	0.019	0.002	0.39
Yield Tensile Elongation											
	Yld-1 (KSI)	Yld-1 (MPa)	Ultimate-1 (KSI)	Ultimate-1 (MPa)	Elong8" (%)						
Sample-1	55.0	379	76.0	524	30						
	Yld-2 (KSI)	Yld-2 (MPa)	Ultimate-2 (KSI)	Ultimate-2 (MPa)	Elong8" (%)						
Sample-2	56.0	386	77.0	531	30						
<p>Approved ABS QA Mill. Certificate Nos. QA-5138616 and STML T2243895. This Material was melted and manufactured in our plant located in Roanoke, VA, USA, by basic Electric Furnace process(es) to meet the "ordered" Grade. Mercury, Radium or other Alpha source materials in any form have not been used in the production of this material. No Weld repair has been performed. Any tensile values stated herein either inch-pound units or SI units are to be regarded as separate as defined in the ASTM scope for this material. All samples tested are full size and in an "as-rolled" condition. Unless a metric specification is ordered, this material has been tested and meets the requirements of the inch-pound ranges.</p> <p>This is to certify the above to be a true and accurate report as contained in the records of this company.</p>											
END OF CERTIFICATION					Metallurgist: <u>Jacob Nott</u>						