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## PRODUCT CERTIFICATION

MFG LOT NBR  
**JP3645-370107**  
 BILL OF LADING  
**00634826**


HEAT NUMBER  
**JP3645**  
 SALES ORDER/LINE  
**277147 / 001**  
 CERT ID / REV  
**00418835 / 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					
59176	SA43	46,332	9	351	A36/A529	10/26/2023					
PART NUMBER: SA008802000ZZ		DESCRIPTION: StrAngle 4 x 4 x 1/4 20'0" A36/A529									
<b>Alt Certs</b>											
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)											
<b>Chemical</b>											
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V	Nb	CE
0.15	0.99	0.027	0.010	0.24	0.10	0.08	0.02	0.23	0.024	0.001	0.41
<b>Yield Tensile Elongation</b>											
	Yld-1 (KSI)	Yld-1 (MPa)	Ultimate-1 (KSI)	Ultimate-1 (MPa)	Elong8" (%)						
Sample-1	55.0	379	74.0	510	31						
	Yld-2 (KSI)	Yld-2 (MPa)	Ultimate-2 (KSI)	Ultimate-2 (MPa)	Elong8" (%)						
Sample-2	55.0	379	74.0	510	33						
<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>											
<b>END OF CERTIFICATION</b>					<u>Metallurgist: Jacob Nott</u>						