

Issuing Date : 02/24/2018      B/L No. : 495540      Load No. : 506052      Our Order No. : 154385/1      Cust. Order No. : 297537  
 Vehicle No: ALY 91763      Sold To: NORTH SHORE STEEL      Ship To: WALTONS BARGE  
 Specification: 0.7500" x 120.000" x 480.000"      PO BOX 9940      13020 SARAHS LANE  
 ASTM A36-14/ABS Grade A/ABS Grade B 2018/ASME SA36 2015/2017      HOUSTON,TX 77213      HOUSTON,TX 77015  
 A709 36-17 ASTM A131-14 Grade A and B/MIL-S-22698C Amendment 2  
 Grade A to 1/2"and B to 1" Class U

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
8501120	0.07	1.12	0.009	0.001	0.30	0.27	0.15	0.09	0.02	0.034	0.006	0.002	0.003		0.0040	0.0002	0.012	0.31	0.16

Plate Serial No	Pieces	Tons	Tensile Test			
			Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2" / 8"
8501120-01	2	12.25	T	42,100	65,200	24.0
			T	40,400	62,200	31.2

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:nhc-SalesMX@Nucor.com  
 Yield by 0.5EUL method unless otherwise specified.  $Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)$   
 $Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B$   
 Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant.  
 DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

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

2/24/2018 9:01:14 AM