



Nova Tube Ohio  
 8641 County Road H  
 Delta OH 43515  
 Tel : (419) 822-9716

NHO NOVA STEEL OHIO

Test Certificate

SHIP TO
ST000257 STEEL & PIPE SUPPLY 4750 West Marshall Ave Longview Texas 75604-4817 United States

SOLD TO		Ship Date
Steel and Pipe Supply		2024-01-04
BOL NO.	Customer PO NO	# S/O
U002827	4500564522	U000924

Description	Dimensions	PCS	HEAT#	Specifications
HSS Tube, Cold Formed	3.000 X 2.000 X 0.250 X 240.000	60	4136182	ASTM A500-21 GRADE B&C
HSS Tube, Cold Formed	3.000 X 2.000 X 0.188 X 480.000	96	826385	ASTM A500-21 GRADE B&C
HSS Tube, Cold Formed	3.000 X 2.000 X 0.125 X 480.000	108	9408244	ASTM A500-21 GRADE B&C

CHEMICAL ANALYSIS																			
HEAT#	C	Mn	P	S	Ca	Si	Cu	Ni	Cr	Zr	Cb	Mo	V	Al	Zn	N	Sn	B	Ti
4136182	0.210 0	0.7600	0.011 0	0.0060	0.000 1	0.020 0	0.0400	0.010 0	0.0600		0.001 0	0.0100	0.0010	0.056 0		0.003 8	0.006 0	0.0001	0.0010
826385	0.210 0	0.7900	0.008 0	0.0030	0.001 9	0.012 0	0.0100	0.002 0	0.0140	0.0000	0.000 0	0.0020	0.0000	0.061 0	0.000 0	0.003 3	0.002 0	0.0000	0.0010
9408244	0.210 0	0.7600	0.010 0	0.0050	0.000 1	0.010 0	0.0500	0.010 0	0.0400		0.001 0	0.0100	0.0010	0.046 0		0.003 3	0.001 0	0.0001	0.0010

MECHANICAL TEST RESULTS						
HEAT#	PRODUCT / SIZE	UOM	Yield	Tensile	Elong %	
4136182	HSR 3.000 X 2.000 X 0.250 X 240.000	PSI	63600	74000	33.00	
9408244	HSR 3.000 X 2.000 X 0.125 X 480.000	PSI	61300	75900	34.00	
826385	HSR 3.000 X 2.000 X 0.188 X 480.000	PSI	59600	71100	32.00	

HEAT#	Country of Origin	Country of Melt and Pour
4136182	United States	United States
826385	United States	United States
826385	United States	United States
826385	United States	United States
9408244	United States	United States
9408244	United States	United States
9408244	United States	United States

Authorized by the department of quality control