



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

NHO NOVA STEEL OHIO

Test Certificate

SHIP TO

SOLD TO		Ship Date
		2023-11-20
BOL NO.	Customer PO NO.	# S/O
U002254	4500563149	U000782

Description	Dimensions	PCS	HEAT#	Specifications
HSS Tube,Cold Formed	4.000 X 4.000 X 0.188 X 288.000	25	4162226	ASTM A500-21 GRADE B&C
HSS Tube,Cold Formed	4.000 X 4.000 X 0.188 X 288.000	50	623607	ASTM A500-21 GRADE B&C
HSS Tube,Cold Formed	8.000 X 4.000 X 0.188 X 480.000	20	726937	ASTM A500-21 GRADE B&C
HSS Tube,Cold Formed	8.000 X 4.000 X 0.250 X 288.000	10	826187	ASTM A500-21 GRADE B&C
HSS Tube,Cold Formed	8.000 X 4.000 X 0.188 X 480.000	20	826226	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
4162226	0.210 0	0.7500	0.020 0	0.0090	0.000 1	0.010 0	0.0400	0.030 0	0.0700		0.001 0	0.0100	0.0010	0.048 0		0.003 2	0.001 0	0.0001	0.0010
623607	0.199 0	0.8220	0.016 0	0.0120	0.000 0	0.016 0	0.0270	0.000 0	0.0000	0.0000	0.000 0	0.0000	0.0000	0.063 0	0.000 0	0.000 0	0.000 0	0.0000	0.0000
726937	0.210 0	0.8100	0.011 0	0.0030	0.002 6	0.015 0	0.0160	0.005 0	0.0200	0.0000	0.000 0	0.0040	0.0000	0.052 0	0.000 0	0.003 5	0.002 0	0.0002	0.0020
826187	0.220 0	0.7700	0.006 0	0.0030	0.026 0	0.014 0	0.0190	0.006 0	0.0170	0.0000	0.000 0	0.0020	0.0000	0.042 0	0.000 0	0.037 0	0.005 0	0.0001	0.0020
826226	0.210 0	0.7700	0.009 0	0.0030	0.001 8	0.028 0	0.0320	0.010 0	0.0250	0.0000	0.000 0	0.0040	0.0000	0.055 0	0.000 0	0.003 0	0.006 0	0.0002	0.0020

MECHANICAL TEST RESULTS						
HEAT#	PRODUCT / SIZE	UOM	Yield	Tensile	Elong %	
4162226	HSS 4.000 X 4.000 X 0.188 X 288.000	PSI	55200	71400	35.00	
826187	HSR 8.000 X 4.000 X 0.250 X 288.000	PSI	53600	71600	37.00	
623607	HSS 4.000 X 4.000 X 0.188 X 288.000	PSI	58700	71900	35.00	
726937	HSR 8.000 X 4.000 X 0.188 X 480.000	PSI	52700	72000	35.00	
826226	HSR 8.000 X 4.000 X 0.188 X 480.000	PSI	53700	76100	35.00	

HEAT#	Country of Origin	Country of Melt and Pour
4162226	United States	United States
623607	United States	United States
726937	United States	United States
826187	United States	United States

Authorized by the department of quality control



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CHEMICAL ANALYSIS

HEAT#	C	Mn	P	S	Ca	Si	Cu	Ni	Cr	Zr	Cb	Mo	V	Al	Zn	N	Sn	B	Ti
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HEAT#	Country of Origin	Country of Melt and Pour
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826226	United States	United States
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