



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

NHO NOVA STEEL OHIO

Page 1 / 2

Test Certificate

SHIP TO

SOLD TO		Ship Date
Steel and Pipe Supply		2024-04-17
BOL NO.	Customer PO NO.	# S/O
U005283	4500571850	U001875

Description	Dimensions	PCS	HEAT#	Specifications
HSS Tube,Cold Formed	4.000 X 2.000 X 0.125 X 480.000	25	32406480	ASTM A500-23 GRADE B&C
HSS Tube,Cold Formed	4.000 X 2.000 X 0.125 X 480.000	50	32406490	ASTM A500-23 GRADE B&C
HSS Tube,Cold Formed	4.000 X 2.000 X 0.125 X 288.001	80	42406180	ASTM A500-23 GRADE B&C
HSS Tube,Cold Formed	4.000 X 2.000 X 0.188 X 288.000	32	726786	ASTM A500-23 GRADE B&C
HSS Tube,Cold Formed	3.000 X 3.000 X 0.250 X 288.000	75	9409413	ASTM A500-23 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
32406480	0.190 0	0.8200	0.013 0	0.0010	0.001 0	0.040 0	0.1000	0.050 0	0.0700		0.003 0	0.0300	0.0030	0.029 0		0.008 0	0.006 0	0.0002	0.0000
32406490	0.200 0	0.8100	0.012 0	0.0010	0.002 0	0.030 0	0.1200	0.050 0	0.0600		0.002 0	0.0200	0.0030	0.026 0		0.007 0	0.007 0	0.0002	0.0000
42406180	0.210 0	0.8200	0.010 0	0.0020	0.002 0	0.030 0	0.1000	0.040 0	0.0700	0.0007	0.002 0	0.0300	0.0030	0.029 0		0.007 0	0.006 0	0.0002	0.0000
726786	0.200 0	0.7300	0.006 0	0.0040	0.000 6	0.016 0	0.0200	0.006 0	0.0140	0.0000	0.000 0	0.0040	0.0000	0.057 0	0.000 0	0.003 7	0.005 0	0.0000	0.0020
9409413	0.210 0	0.9600	0.007 0	0.0070	0.000 1	0.010 0	0.0300	0.010 0	0.0400		0.004 0	0.0100	0.0010	0.052 0		0.004 6	0.008 0	0.0001	0.0010

MECHANICAL TEST RESULTS						
HEAT#	PRODUCT / SIZE		UOM	Yield	Tensile	Elong %
32406480	HSR	4.000 X 2.000 X 0.125 X 480.000	PSI	61600	77600	31.00
9409413	HSS	3.000 X 3.000 X 0.250 X 288.000	PSI	63200	81700	32.00
32406490	HSR	4.000 X 2.000 X 0.125 X 480.000	PSI	62900	81000	31.00
42406180	HSR	4.000 X 2.000 X 0.125 X 288.001	PSI	62900	80600	30.00
726786	HSR	4.000 X 2.000 X 0.188 X 288.000	PSI	56100	68300	36.00

HEAT#	Country of Origin	Country of Melt and Pour
32406480	United States	United States
32406490	United States	United States
42406180	United States	United States
42406180	United States	United States

Authorized by the department of quality control

2024-04-17 08:29:49

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

NHO NOVA STEEL OHIO

Page 2 / 2

Test Certificate

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

SOLD TO		Ship Date
Steel and Pipe Supply		2024-04-17
BOL NO.	Customer PO NO.	# S/O
U005283	4500571850	U001875

Description	Dimensions	PCS	HEAT#	Specifications
-------------	------------	-----	-------	----------------

CHEMICAL ANALYSIS

HEAT#	C	Mn	P	S	Ca	Si	Cu	Ni	Cr	Zr	Cb	Mo	V	Al	Zn	N	Sn	B	Ti
-------	---	----	---	---	----	----	----	----	----	----	----	----	---	----	----	---	----	---	----

HEAT#	Country of Origin	Country of Melt and Pour
-------	-------------------	--------------------------

726786	United States	United States
--------	---------------	---------------

9409413	United States	United States
---------	---------------	---------------

9409413	United States	United States
---------	---------------	---------------