



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

NHO NOVA STEEL OHIO

Test Certificate

SHIP TO
United States

SOLD TO		Ship Date
		2023-09-11
BOL NO	Customer PO NO.	# S/O
U001457	4500558806	U000380

Description	Dimensions	PCS	HEAT#	Specifications
HSS Tube,Cold Formed	8.000 X 8.000 X 0.250 X 480.000	27	4136247	ASTM A500-21 GRADE B&C
HSS Tube,Cold Formed	8.000 X 8.000 X 0.250 X 480.000	18	4136248	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
4136247	0.210 0	0.7600	0.011 0	0.0030	0.003 3	0.020 0	0.0300	0.020 0	0.0500		0.001 0	0.0100	0.0010	0.050 0		0.004 4	0.002 0	0.0001	0.0010
4136248	0.220 0	0.7400	0.010 0	0.0020	0.003 1	0.030 0	0.0500	0.020 0	0.0600		0.001 0	0.0100	0.0010	0.052 0		0.004 4	0.002 0	0.0001	0.0010

MECHANICAL TEST RESULTS						
HEAT#	PRODUCT / SIZE	UOM	Yield	Tensile	Elong %	
4136248	HSS 8.000 X 8.000 X 0.250 X 480.000	PSI	53300	73100	37.00	
4136247	HSS 8.000 X 8.000 X 0.250 X 480.000	PSI	54900	73700	36.00	

HEAT#	Country of Origin	Country of Melt and Pour
4136247	United States	United States
4136248	United States	United States
4136248	United States	United States

Authorized by the department of quality control