

**MATERIAL TEST REPORT**

**ORIGINAL**



M/C No. MC0000085582  
Date 10/11/2023

BL No. SH0000098568  
Destination S  
Supplier

**MARUICHI LEAVITT PIPE & TUBE, LLC**  
1717 W. 115TH ST.  
CHICAGO, IL. 60643  
TEL:773-239-7700 FAX:773-239-1023

SPEC	No of PCS	Heat No	Chemical Composition(Ladle Analysis)											Tensile Test			Hydrostatic Test		Bending Test	Remarks
			C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Yield Strength (PSI)	Tensile Strength (PSI)	Elongation (%)	Pressure (PSI)	Result	Flattening Test		
1 ASTM A500/A500M-21A GRADE B ERW TUBING 3IN x 2IN x 0.188IN x 40FT HRB 4500556532 / 6630020018840	40 8,944	A76578	18	4	68	8	4	20	10	30	7	6	59,806	70,361	27			SA0000260648 A500 Grade B/C		
2 ASTM A500/A500M-21A GRADE B ERW TUBING 3IN x 2IN x 0.250IN x 20FT HRB 4500559516 / 6630020025020	30 4,266	A77142	19	4	64	8	2	20	10	50	6	7	60,697	71,409	27			SA0000263492 A500 Grade B/C		
3 ASTM A500/A500M-21A GRADE B ERW TUBING 3IN x 2IN x 0.250IN x 20FT HRB 4500559516 / 6630020025020	30 4,266	B70437	19	3	69	11	4	20	10	60	8	7	56,079	71,325	28			SA0000263492 A500 Grade B/C		
4 ASTM A500/A500M-21A GRADE B ERW TUBING 3IN x 2IN x 0.250IN x 20FT HRB 4500559516 / 6630020025020	30 4,266	B70438	18	4	66	8	1	20	10	50	6	6	68,726	71,413	28			SA0000263492 A500 Grade B/C		
5 ASTM A513/A513M-20A ERW TUBING 1IN x 1IN x 0.120IN x 20FT HRB 4500560278 / 6510012020	100 2,872	B69881	7	3	34	8	3	20	0	40	5	4				0		SA0000264189		
6 ASTM A513/A513M-20A ERW TUBING 1IN x 1IN x 0.065IN x 20FT HRB 4500560405 / 651005520	100 1,654	32323270	5	2	32	13	5	40	50	00	40	1				0		SA0000264310		

We hereby certify that the material described herein conforms fully to the said specification.

Melted and Manufactured in the USA  
This material has not come in direct contact with mercury during the manufacturing or testing processes. No Weld Repair. EN10204:2004. TYPE 3.1 Cert

Remarks:

S. Honda, Maruichi Leavitt Pipe & Tube, LLC

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SPEC SIZE	Customer PO No. / Customer Item No.	Heat No	Chemical Composition (Ladle Analysis)										Tensile Test			Hydrostatic Test		Bending Test Flattening Test	Remarks
			C (%) X 100	Si (%) X 100	Mn (%) X 100	P (%) X 1000	S (%) X 1000	Cu (%) X 1000	Ni (%) X 1000	Cr (%) X 1000	Mo (%) X 1000	V (%) X 1000	Yield Strength (PSI)	Tensile Strength (PSI)	Elongation (%)	Pressure (PSI)	Result		
7	ASTM A500/A500M-21A GRADE B ERW TUBING 4IN x 4IN x 0.188IN x 40FT HRB 4500560419 / 6540018840	B70569	18	3	71	13	2	20	0	40	4	5	61,621	69,536	28			SA0000264312 A500 Grade B/C	
8	ASTM A500/A500M-21A GRADE B ERW TUBING 3IN x 3IN x 0.125IN x 20FT HRB 4500560443 / 6530012020	A76516	6	3	115	8	2	30	10	40	11	6	57,306	67,419	27			SA0000264330 A500 Grade B/C	

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S. Honda, Maruichi Leavitt Pipe & Tube, LLC  
F-824-101 - Rev. 0