

Customer Name

SUPERIOR SUPPLY & STEEL

Customer PO#

251115

Shipper No

141885

Heat Number

56817



CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

BILL TO	OUR ORDER NUMBER 105606 - 3	CERTIFICATE CERT/MTR	Approval Jorge Hernandez	DE NUMBER NF2443	Comments *** ALUMINUM ASSOCIATION STANDARD - ASTM-B221-21 MANUFACTURED IN THE USA EN10204, 3.1 CERTIFIED
SHIP TO	CUSTOMER PO SL-25496	ALLOY / TEMPER 6061/T-6	SALESMAN TONYA COST		
CUSTOMER PART NUMBER NF2443012400016	ITEM DESCRIPTION 1/4 X 3 FLATBAR				

We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Mechanical Properties

Test Date	Dimensions	Area	Ultimate Load (lbs)	Yield (psi)	Tensile (psi)	Elongation (%)	Hardness
3/19/24	0.497 X 0.247	0.1228	5,148	38,756	41,936	14.95	16

Tests performed in accordance with ASTM E8/E8M, Rev 16a. 0.2% Offset Yield.

Testing performed in accordance with ASTM B557-15.

Test specimens and unused material is retained for three (3) months.

Chemical Composition for Alloy 6061

Chemical Composition Limits (%)

	Si		Fe		Cu		Mn		Mg		Cr		Zn		Ti		Other Max.	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Each	Total
	0.40	0.80		0.70	0.15	0.40		0.15	0.80	1.20	0.04	0.35		0.25		0.15	0.05	0.15
Cast:56817	0.61		0.26		0.22		0.05		0.83		0.06		0.01		0.01			0.00