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Certificate

Purchase Order PO26261827	Order Date 7/1/2026	Placed By Christopher Berger	McMaster-Carr Number 1816577-01	Number of Certificates 1
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Line	Product	Ordered	Status	Certificate
3	8982K69 Multipurpose 6061 Aluminum 90 Degree Angle with Round Edge, 3/8" Thickness, 4" High x 4" Wide Outside, 1' Long	1 each	1 each delivers July 2	330-4422

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360



OUR ORDER NUMBER 152319	ITEM 2
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Applicable Requirements:
ASTM B221-21
AMS-QQ-A-200/8A Type II

BILL TO 10130-COAST ALUMINUM INC.	MANIFEST NUMBER 87784	DIE NUMBER 1569	DATE OF SHIPMENT 2/12/2026
SHIP TO 10130 - S03-COAST ALUMINUM INC.	CUSTOMER PO DL799	ALLOY 6061	TEMPER T6
CUSTOMER PART NUMBER 4438A61	MANSHAN PART NUMBER 40-01333	SALESMAN House Account	
DESCRIPTION Angle Am Std Equal 4.000 X .375" TH; Spot:			

Melted in USA
Manufactured in USA

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
148902 - 1 - 1-A-3	6061	223405	05/20/25	42.8	39.5	12%	16.0	
150463 - 6 - 1-A-3	6061	234626	09/29/25	42.9	39.5	12%	16.0	
152319 - 2 - 1-A-1	6061	242903	02/06/26	42.9	39.5	17%	15.010.380	2.9

Chemical Limits

Alloy	Electrical Conductivity:											Thermal Conductivity:										
	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sr	Co	Each	Total	Al	Other	
ALLOY 6061	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Minimum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	
Maximum																						

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sr	Co	Al	Other
2505051	6061	0.59	0.33	0.20	0.09	0.86	0.06	0.01	0.04	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2509098	6061	0.65	0.32	0.19	0.08	0.85	0.06	0.01	0.05	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2601013	6061	0.58	0.42	0.18	0.11	0.83	0.04	0.01	0.06	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Nanshan America hereby certifies 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 meet the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is RoHS3 Compliant (nanshanusa.com/rohs). Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6511 meets T6 Requirements

Pam Rector
Quality Manager