



562-692-5911  
 562-695-2323 (fax)  
 la.sales@mcmaster.com



Certificate

<b>Purchase Order</b> PO26121665	<b>Order Date</b> 3/25/2026	<b>Placed By</b> Christopher Berger	<b>McMaster-Carr Number</b> 4818975-02	<b>Number of Certificates</b> 1
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Line	Product	Ordered	Status	Certificate
12	8975K611 Multipurpose 6061 Aluminum Bar, 1/4" Thick x 2-3/4" Wide, 3 Feet Long	1 each	1 each delivers March 26	269-3192

# Certified Inspection Report



Hydro Extrusion USA, LLC  
 53 POTTSVILLE STREET  
 CRESSONA, PA  
 17929-0187

		<b>Cert Number</b>	HYDRO3987586
<b>Sales Order Number</b>	Line No.	<b>Customer P/O</b>	<b>Cert Creation Date</b>
1102205355	1	673705-1	12-JAN-25
		<b>Page</b>	1 of 2
		<b>Cert Print Date</b>	12-JAN-25

**Invoice To Customer**  
 A M CASTLE & COMPANY  
 CASTLE METALS, INC./PARAMOUNT  
 3400 NORTH WOLF ROAD  
 ATTN: ACCOUNTS PAYABLE  
 FRANKLIN PARK, IL - 60131

**Ship To Customer**  
 A M CASTLE & COMPANY  
 26800 MILES RD  
 BEDFORD HEIGHTS, OH - 44146


Quantity Shipped	Date Shipped	Item Description	Specification
1149 LB	12-JAN-25	Extruded Rectangular Bar 0.250 TK x 2.750 W 1.45, 625 IN LN FIN M-MILL W/F: 809 F 7 CS 2.8 6061/T6511 Marking CONTINUOUS;	ASTM B221 REV 21 Table 1 Chemical Composition Limits Table 2 Mechanical Property Limits ASME SB 221 REV 23 Table 1 Chemical Composition Limits Table 2 Mechanical Properties Limits AMS QQ-A-200/8 REV A
B/L 1463052 Delivery Id 5606846 Customer/Part No. 69534		Item No. G031065789 Item No. Rev ...	

**Applicable Specifications, Revisions and Exceptions**

For U.S. Government Sales (when applicable to extrusions):  
 Items supplied are compliant with the Buy  
 American Act (DFARS 252.225-7001  
 Melted in the USA or a qualifying country, as identified in the Buy  
 American Act (DFARS 252.225-7001)

**COMPOSITION NOTE:** The values for 'Others Each' and 'Others Total' have met the limits as shown on  
 this certified inspection report. Remainder is Aluminum.

Hydro Extrusion USA, LLC hereby certifies that the extrusions covered in this report are within the acceptable ranges of the sections or the specification tables, excluding footnotes, identified herein. Chemical composition may be based on results provided by external billet suppliers. Further information on processing, testing including ASTM B557, and inspection is available at [www.hydro.com/technicalspecificationsENVA](http://www.hydro.com/technicalspecificationsENVA). Sales are governed by the Extrusion North America Standard Terms and Conditions of Sale available at [www.hydro.com/termsconditionsENVA](http://www.hydro.com/termsconditionsENVA), unless otherwise mutually agreed in writing.

**Signature And Title**  
  
 Nyle Wallick  
 Lab Manager

12-JAN-25

**Quantities per Lot / Packages**

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG4647744	25397591	117	PCS	1155	1149

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Sales Order Number 1102203535	Line No. 1	Customer P/O 673705-1	Cert Number HYDRO3987586	Page 2 of 2
			Cert Creation Date 12-JAN-25	Cert Print Date 12-JAN-25

**Composition Limits**

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25
	Ti		Others Each		Others Total									
Alloy	PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15	---	---	---	---	---	---	---	---



**Composition Results**

Heat / Cast	Country of Melt	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
5064770	US	0.66	0.24	0.20	0.06	0.91	0.05	0.02	0.02	---	---

**Mechanical Property - Test Limits**

Test Temper	Lot Number	# of Tests	UTS - L		TYS - L		EL 4D-Long	
			MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	25397991	2	40.4	41.7	36.4	37.8	12.0	13.0

**Notes**  
 Mercury is not a normal contaminant in aluminum alloys and we do not knowingly use it in the manufacture of our goods  
 Extruded in the USA  
 Extrusions produced to -T6511 temper also meet -T6 temper requirements