

Certified Inspection Report



Hydro Extrusion USA, LLC
 1550 N. Hydro Way
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 SPANISH FORK, UT
 84660-1349



Cert Number HYDRO3731435	Page Page 1 of 2
Cert Creation Date 11-MAY-23	Cert Print Date 11-MAY-23

Sales Order Number 1102031429	Line No. 2	Customer P/O 0606150-2
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Quantity Shipped 1070	LB	Date Shipped 11-MAY-23	Item Description Extruded ECON-O-PLATE 0.500 TK x 8.000 W SECT 505023 144.000 IN LN FIN M-MILL W/F 4.704 F 04 CS 8 6061/T6511 Marking CONTINUOUS;	Specification ASTM B221 REV 21 Table 1 Chemical Composition Limits Table 2 Mechanical Property Limits ASME SB 221 REV 17 Table 1 Chemical Composition Limits Table 2 Mechanical Properties Limits AMS QQ-A-200/8 REV A
B/L 1337925		Item No. G03360684		
Delivery Id 5467699		Item No. Rev --		
CustomerPart No. 190365				

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 BROUSSARD, LA - 70518

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/technicalspecificationsENA. Sales are governed by the Extrusion North America Standard Terms and Conditions of Sale available at www.hydro.com/termsconditionsENA, unless otherwise mutually agreed in writing.

Signature And Title



Steven Tanner
 Quality Manager

11-MAY-23

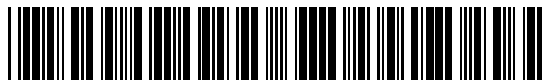
Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G14-PKG2618641	24875884	19	PCS	1076	1070

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Composition Limits

Alloy	Alloy		Si		Fe		Cu		Mn		Mg		Cr	
	PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)	
	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
Alloy	Zn		Ti		Others Each		Others Total							
	PCT (%)		PCT (%)		PCT (%)		PCT (%)							
	Min	Max	Min	Max	Min	Max	Min	Max						
6061	---	0.25	---	0.15	---	0.05	---	0.15						

Composition Results

Heat / Cast	Alloy	Country of Melt	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
S23050206	6061	US	0.71	0.39	0.21	0.07	0.87	0.05	0.06	0.02	--	--

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			--		--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	24875884	2	43.0	43.0	39.3	40.1	18.0	18.0

Notes

Mercury is not a normal contaminant in aluminum alloys and we do not knowingly use it in the manufacture of our goods.

Extrusions produced to T6511 temper also meet T6 temper requirements

Extruded in the USA

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