McMASTER-CARR®

Certificate

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
P1489234	8/23/2023	Jane Beattey	7833443-01	1

Line		Product	Ordered	Status	Certificate
2	8974K9	Multipurpose 6061 Aluminum, 7-1/2" Diameter, 1 Foot Long	2 each	2 each deliver August 24	204–7268

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

Made In the U.S.A.

OUR ORDER NUMBER	ITEM
1089623	1

CERTIFICATION: ASTM-B221-21 StencilCont

SPECIFICATION: SAE AMS-QQA-200/8A Stabilized

SPECIFICATION: A96061-03

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT
A. M. Castle and Company	508177	RD0922	6/28/2022
SHIP TO	**CUSTOMER PO**	**ALLOY / TEMPER**	**SALESPERSON**
A. M. Castle and Company-Stockton	605050	6061-T6511	David Schroeder
Quantity Certified 2,372 lbs 4 pcs	**CUSTOMER PART NUMBER**	**DESCRIPTION**	
	42095	Lightning Rod Tite 7.500 +/-.021	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, 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.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

This product is RoHS-3, REACH, and DFARS compliant.

SCM is ISO 9001-2015 certified

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)		Yield Strength (KSI)		Percent Elongation	
			min	max	min	max	min	max
1	202209168	6/12/22	50.50	50.50	46.90	46.90	15.00	15.00

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	AL	Others Each	Others Total	Melt Source:
001E220607B	202209168	6061	0.74	0.37	0.29	0.10	0.90	0.09	0.06	0.03	97.42	0.05	0.15	*United States of America (SCM)*
001E220608B	202209168	6061	0.75	0.37	0.30	0.10	0.89	0.09	0.06	0.03	97.40	0.05	0.15	*United States of America (SCM)*

Print Date: 6/28/2022

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 2/28/2022

Certificate: 204-7268