



Sapa Industrial Extrusions
 1350 KIRBY LANE
 SPANISH FORK, UT
 84660-1349

Sapa Extrusions Inc., a Subsidiary of Sapa AB


Invoice To Customer
 ASA ALLOYS
 DIVISION OF CSM INC
 81 STENWAY BLVD
 ETOBICOKE, M9W 6H6
 Ship To Customer
 ASA ALLOYS
 20 CHALLENGER CRESCENT
 SHERWOOD PARK, AB - T8H 2R1

Certified Inspection Report

Sales Order Number 1100840745	Line No. 6	Customer P/O P034660-6	Cert Number SAPA1094292	Page 1 of 3
			Cert Creation Date 26-NOV-14	Cert Print Date 26-NOV-14

Quantity Shipped	Unit	Date Shipped	Item Description	Specification
6684	LB	26-NOV-14	ACC-U-LINE Extended ACC-U-ROD 5.000 DIA +/- .017	ASTM B221 REV 13 AMS QQ-A-200/8 REV 1997 RA 2012
R/L		Item No.	SECT 503296 144.000 IN LN	ASMESB221 REV 09 UNSH#96061 REV
589110		Item No.	FIN M3MIL	SAE J454 REV
Delivery Id		Item No. Rev	W/F 23.091 F I CS 5 6061/76511H	Metcs 6061-76511H, 6061-76511 REV
4608997			Marking CONTINUOUS;	
Customer Part No.				
SBR+				

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

Signature And Title

 Brian Pike
 Quality Control Manager
 26-NOV-14

Legal Statement
 We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested 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 and the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	YOM	Gross Weight	Net Weight
G14-PKG1616338	21914242	4	PCS	1120	1114
G14-PKG1616339	21914242	4	PCS	1120	1114
G14-PKG1616340	21914242	4	PCS	1120	1114
G14-PKG1627648	21941629	4	PCS	1120	1114
G14-PKG1627650	21941629	4	PCS	1120	1114
G14-PKG1627651	21941629	4	PCS	1120	1114

Composition Limits

ANS

C 1180 29

C118029



Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84660-1349

Certified Inspection Report

Sales Order Number 1100840745	Line No. 6	Customer P/O P034650-6	Cert Number SAPA1094292	Page 2 of 3
			Cert Creation Date 26-NOV-14	Cert Print Date 26-NOV-14

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
Alloy	Ti		Others Total		Others Total									
	Min	Max	Min	Max	Min	Max								
6061	---	0.15	---	0.05	---	0.15								

Composition Results

Item/Case	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
SI4101102	0.72	0.43	0.28	0.12	0.90	0.16	0.09	0.03	---	---
Item/Case	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
SI4111106	0.77	0.40	0.32	0.10	0.90	0.13	0.18	0.02	---	---

Mechanical Property - Test Limits

Test Type	UTS - L		TYS - L		EL 4D-Long	
	MIN	MAX	MIN	MAX	MIN	MAX
RDY	---	---	---	---	---	---
Test Type	KSI		KSI		PCT	
	MIN	MAX	MIN	MAX	MIN	MAX
Test Type	UTS - L	TYS - L	EL 4D-Long			
Item/Case	21914242	1	1			
Item/Case	7681111	21941629	1			

Cert Notice

C118092d



Sapa Industrial Extrusions
1550 KIRBY LANE

SIPANISH FORK, UT
84660-1349

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100840745	6	P034660-6	SAPAL094292 Cert Creation Date 26-NOV-14	3 of 3 Cert Print Date 26-NOV-14

Material manufactured to T6S11 specifications also meets T6 requirements.

All elements are represented in the chemical analysis section. The remainder is Aluminum.

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Material produced in compliance to UN 10204 3.1

Manufactured in USA or Qualifying Countries (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225-872-1

Manufactured in the United States