

Certified Inspection Report



Arconic Europe – Flat Rolled Products
PO Box 383, Lums Green Road,
Kitts Green, BIRMINGHAM, B33 9QR
UNITED KINGDOM
Tel:44 (0)121 252 8000 Fax:44 (0)121 252 8001

Invoice To Customer

HANS ERICH GEMMEL & CO GMBH
BESSEMERSTRASSE 76B
ZENT RECHENSERFASSUNG
BERLIN, 12103, DE

Ship To Customer
HANS ERICH GEMMEL & CO GMBH
INDUSTRIESTRASSE 5
FURTH, 90765, DE

Sales Order Number	Customer P/O	Cert Number	Page
1310391	80054262.00	2438369	1/2
Line	No.	Line	Cert Creation Date
2.1	80054262.00	26-OCT-20	26-OCT-20

Quantity Shipped	Date Shipped	Item Description
Inspection Category	Item No.	BARE, 7075-T651, ROLLED PLATE BARE HTG STANDARD B/LAT TOLS, KITTS_GREEN SAWED, MILL FINISH, NONE
MILL CERTS	A221130295R01	35.0 MMT TK (+8.50/-8.50) 1.378 INH TK
Delivery Number	Customer Account Number	1520.0 MMT WD (+8.000/-40) 59.8425 INH WD
27371314	102545	3020.0 MMT LN (+10.000/-40) 118.898 INH LN
Customer Part No		P 11 MAX GROSS WEIGHT 1300.0 KGM 2866.0 LB —SPEC 1 EN 485 TOL.2003 SPEC 2: EN 485 TOL. QUALITY:1 SPEC 3: EN 485 7075 T651.2016

Header Notes

This single document represents the combined Certificate of Conformity(CoC) & Inspection Certificate and complies with EN 10204 type 3.1.
The site is approved to BS EN9100:2016 & ISO9001:2015 (FMI2976 - BSI) and ISO 14001:2015 (US012293 - BV). Please check the notes section on this CoC for the specific customer approvals relevant to this order
Refer to our Sale Conditions as per original order acknowledgement for product liability statement
Material Safety Data Sheets available at www.arconic.com

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. Also, note that mercury is not a normal contaminant in aluminum alloy 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.

Signed for and on behalf of Arconic Manufacturing (GB) Limited trading as Arconic Europe Flat Rolled Products
Electronic signature of approver
Barry Martin, Quality Engineer

Inspection Stamp



Quantities per Lot / Packages

Package Number	Lot/Slab	Matl Number	Number Of Plates	Gross Weight in KGM	Net Weight in KGM
BSS20-23290	0363201/3R5312B	--	3	1381	1349
TOTAL	for Packages	--	3	1381	1349

Composition Results

Cast Number	Si PCT	Fe PCT	Cu PCT	Mn PCT	Mg PCT	Cr PCT	Zn PCT	Ti PCT
3R5312B	0.12	0.18	1.7	0.07	2.6	0.20	5.9	0.04



1000088643

#1003 WE 149906 900568



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1310391		2.1		80054262.00 Line NO:20	Cert Creation Date
				26-OCT-20	Cert Print Date
					26-OCT-20

Composition Results

Cast Number	Others Total PCT
3R5312B	0.05

Stretching - Test Results

Test Type		Stretch %	
UOM		PCT	
Temper		Min	
T651		Max	
Lot		2.2	
0363201		2.2	

Tensile Properties Test

Test Results

Test Type		UTS		Elongation %		0.2% Proof Stress	
UOM		MPA		PCT		MPA	
Temper		Results		Results		Results	
T651		596.2		12.0*		519.2	
Lot		T651,LT,A.C. 3W		Gauge Length			
0363201				5			

Certification Notes

SER LOT NUMBER: 3741403632 - LOT NUMBER: 0363201

ALUMINIUM ALLOY PLATE

Package Number: HTGE

* Fracture outside centre half of gauge length.

Material : EN 485 7075 T651, Revision 2016

Inspection : EN 485 TOL, Revision 2003

Inspection : EN 485 TOL QUALITY, Revision 1

Test

Method : EN 2004-1, Revision 1, Test methods for aluminium and aluminium alloy products, Part I: Determination of electrical conductivity of wrought aluminium alloys

Technical : EN 573-3, Revision 2019, Aluminium and aluminium alloys - Chemical composition and forms of wrought products

Test Method : ISO 6892-1, Revision 2016, Metallic materials - Tensile testing / Part 1: Method of test at room temperature, method B

TEST CERTIFICATES	No: 19786 Date: 03/09/2020	CERTIFIED SRAC-IQNet ISO 9001/2015 No.10/valid 2020	vimetco	
			alro	SLATINA

CUSTOMER

CONTRACT/ORDER : 120509587
 BILL OF DELIVERY : 80451205
 TRUCK/CONTAINER : B 112 GCI/ B 113 GCI

MATERIAL : ALUMINIUM PLATES
 ALLOY : EN AW-7075
 DIMENSIONS (mm) : 70256384 - 40X1520X3020

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

MECHANICAL PROPERTIES				1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2					
1 lbs = 0.4536 kg				Rm		Rp0.2		Elong. %	
				Mpa		Mpa		50mm	
Specified values:				min.	max.	min.	max.	min.	
				530		460		4	
LOT / BATCH		CASE	NET WEIGHT kg	Measured values:					
70256384 S20085847		822919	1050	567		507		11.0	

CHEMICAL PROPERTIES %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
S20085847	0.15	0.21	1.4	0.07	2.4	0.20	0.01	5.8	0.03	0.01	0.01	REM.

Acc. Standard	Min.		1.2		2.1	0.18		5.1				REM.
	Max.	0.40	0.50	2.0	0.30	2.9	0.28	0.05	6.1	0.20	0.05	0.05
	Remarks:					Other- Each- Max.: 0.05			OthersTotal- Max.: 0.15			

REMARKS:

Goods of Romanian origin.

ACCORDING TO: EN 485-2:2016; EN 515:2017; EN 573-3:2019

We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant standards, specification and/or order. Keep in dry conditions, without large temperature variations. The difference between metal and air must not exceed 11 °C.

Please follow the recommendations of the American Aluminum Association Guidelines for minimizing water staining of aluminium, latest edition, for the unloading and storage of the material in your premises before usage. Also, we certify that Alro products comply with REACH legislation no. 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals and CLP legislation no. 1272/2008 on classification, labeling and packaging of substances and mixtures.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

Marius Olteanu, Eng.

SC ALRO SA SLATINA
 Punct de lucru Slatina
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 Serv. Inspecția Calității

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cod f1/PO-051/Rev.4/2012
 End Of Certificate