


DOCUMENT NUMBER: SCM100111	TITLE: First Article Inspection Form	
REVISION: J	DOCUMENT CLASSIFICATION:	
DCO# DCO005545	04-Form, Template or Other	

1 PURPOSE

Suppliers to fill out and submit the attached form with all required documentation for every FAI lot.

2 REFERENCE DOCUMENTS, FORMS

Internal Document References - Reference the related procedures and work instruction documents that explain how to use this form (if applicable).	
Document Number	Document/Form Name
N/A	N/A

3 DETAILS


3.1 Supplier must check each box on the attached form and provide all required documentation.

4 RECORD RETENTION

The following records are generated from this process.		
TYPE OF RECORD	ABBREVIATION	WHERE RETAINED
FAI Form	FAI	Agile
For Control and Retention of Quality Records, see QMS101517		

Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks.


Template Number: QMS100317	Template Name: 02-QMS Procedures Template	Template Rev: F
Date Printed: Saturday, March 8, 2025	This is uncontrolled when printed	PAGE 1 OF 4

DOCUMENT NUMBER: SCM100111	TITLE: First Article Inspection Form	
REVISION: J	DOCUMENT CLASSIFICATION:	
DCO# DCO005545	04-Form, Template or Other	

Supplier Information			
Supplier Name:	Supplier Location:	Supplier Phone #:	Supplier email:
Wuxi Shaoneng	Wuxi China	+86 510 85580205	bian.xiang@shaofanggroup.com
Part Number Information		Reason for Submission	
Part Number:	642197	<input checked="" type="checkbox"/> New Part / Part Number Change <input type="checkbox"/> Engineering Rev. Change <input type="checkbox"/> Change in Part Processing <input type="checkbox"/> OEM Part rev. Changes <input type="checkbox"/> Sub-tier Supplier Change <input type="checkbox"/> Change in Manufacturing Location <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Part is manufactured from a Solid Model and PSD	
Part Revision:	A		
Part Description:	PLATE, PANELING, MIDDLE, W/ BROOKS LOGO, RAL9003, M1900		
PO Number:	2006490		
<p>Unless otherwise stated, the FAI documents, listed below, are required for all FAI submissions.</p> <p>Please mark "X" in each box accordingly. Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation</p>			

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<p style="text-align: center;">Compulsory Quality Requirements for all First Articles</p> <p><input checked="" type="checkbox"/> First Article Inspection Form (This form completed)</p> <p><input checked="" type="checkbox"/> Supplier's Certificate of Conformance including one for hardware on Company Letterhead</p> <p><input checked="" type="checkbox"/> "Bubbled" Dimensional Drawing and/or BOM. Bubble sequence starting at note 1 and numbered in clockwise direction for each feature or view.</p> <p><input type="checkbox"/> FAI(s) for "Make to Print" parts listed on Brooks' BOM</p> <p><input checked="" type="checkbox"/> Final Inspection Data Sheet Report including measurement device type, ID#, and calibration due dates</p> <p><input checked="" type="checkbox"/> Manufacturer's Affidavit "Country of Origin" Brooks' form #QMS100107</p> <p><input checked="" type="checkbox"/> Pictures of one part for FAI package with copy retained at supplier site. Color pictures required of top, bottom, all sides, part marking, silk screening, sealing surfaces (if applicable), part in labeled closed/sealed packaging per applicable SCM100022 section, and packed in box with protective packaging. Pictures taken must be in proper lighting and must be expandable. Mandatory</p> <p><input type="checkbox"/> Approved SIAR(s), if applicable</p> <p><input type="checkbox"/> Test Records and Data, if applicable</p> <p>Special Certificates of Conformance, if applicable</p> <p><input checked="" type="checkbox"/> Certificate of Conformance for Raw Materials</p> <p><input checked="" type="checkbox"/> Certificate of Conformance for Special Processes Examples: Plating, Painting, Coating, Welding, etc.</p> <p>For adding/changing Electrical Device or Assembly:</p> <p><input type="checkbox"/> Add Data sheet</p> <p><input type="checkbox"/> Test Report comparison of old and new</p> <p>For adding/changing Epoxy:</p> <p><input type="checkbox"/> Data sheet</p> <p><input type="checkbox"/> Temperature comparison of old and new</p> <p><input type="checkbox"/> Life expectancy comparison of old and new</p>	<p>Is this a CRITICAL PART? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Mandatory Response)</p> <p>(Please refer to Drawings and /or Purchase Order)</p> <p>Note: All "CRITICAL PARTs" will require the following documents!</p> <p><input type="checkbox"/> POR (Process of Record) Brooks' form #SCM100112</p> <p><input type="checkbox"/> PCP (Process Control Plan) Brooks' form #SCM100113</p> <p><input type="checkbox"/> Critical Part Data for Key Features on Drawing, if applicable Statistical data such as normality, Cp, and CPK. Required</p> <p><input type="checkbox"/> Gage R&R</p> <p><input type="checkbox"/> Process Failure Mode Effects Analysis</p> <p>POR/PCP is currently:</p> <p><input type="checkbox"/> Final</p> <p><input type="checkbox"/> Still Under Development/Preliminary</p> <p>Note: It is acceptable to submit an Under Development/Preliminary POR/PCP.</p> <p><input type="checkbox"/> This FAI submittal was produced on the production line.</p> <p>Brooks' Supplier Quality conducts periodic reviews of the POR/PCP.</p>
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REVISION: J	DOCUMENT CLASSIFICATION:	
DCO# DCO005545	04-Form, Template or Other	

Certificate of Conformance.

"We have reviewed the requirements of this First Article and certify that the sample submitted meets all Industry, Regulatory, Brooks' Workmanship Standards and specified requirements as noted by Brooks' Drawings and Purchase Order" and was produced on the production line.

EXPLANATION/COMMENTS:	N/A		
Print Name	Title:	Signature:	Date:
Yu Wei	Quality Manager	<i>yu wei</i>	2025/2/25

Supplier Instructions:

MANDATORY: E-mail this form, SCM 1000111, and other applicable documents to the appropriate e-mail address.

E-mail in .pdf format to FirstArticle@Brooks.com

Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation.

FOR BROOKS USE ONLY

Results:	<input type="checkbox"/> Accepted	<input type="checkbox"/> Rejected (note NMR case# if rejected):
Comments:		
Inspector:	Date:	

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CERTIFICATE OF CONFORMANCE

Customer : Brooks
Purchase Order Number : 2006490
Date : 2/25/2025
Part Number : 642197Rev. A
Part Description : PLATE,PANELING,MIDDLE,W/ BROOKS LOGO,RAL9003,M1900
Quantity : 3
Finishing : RAL 9003 (signal white)
Quality Inspection/ Test Data (Separate Files Attached)

PLEASE SEE ATTACHED FILES

This is to certify that the quantity of part(s) or material(s) described above is manufactured in accordance with applicable specifications and in compliance with all specified requirements.

It is certified that quality inspection and / or tests have been performed as required to assure product conformance with applicable specifications

yu wei

(Signature)

Title: Quality Manager

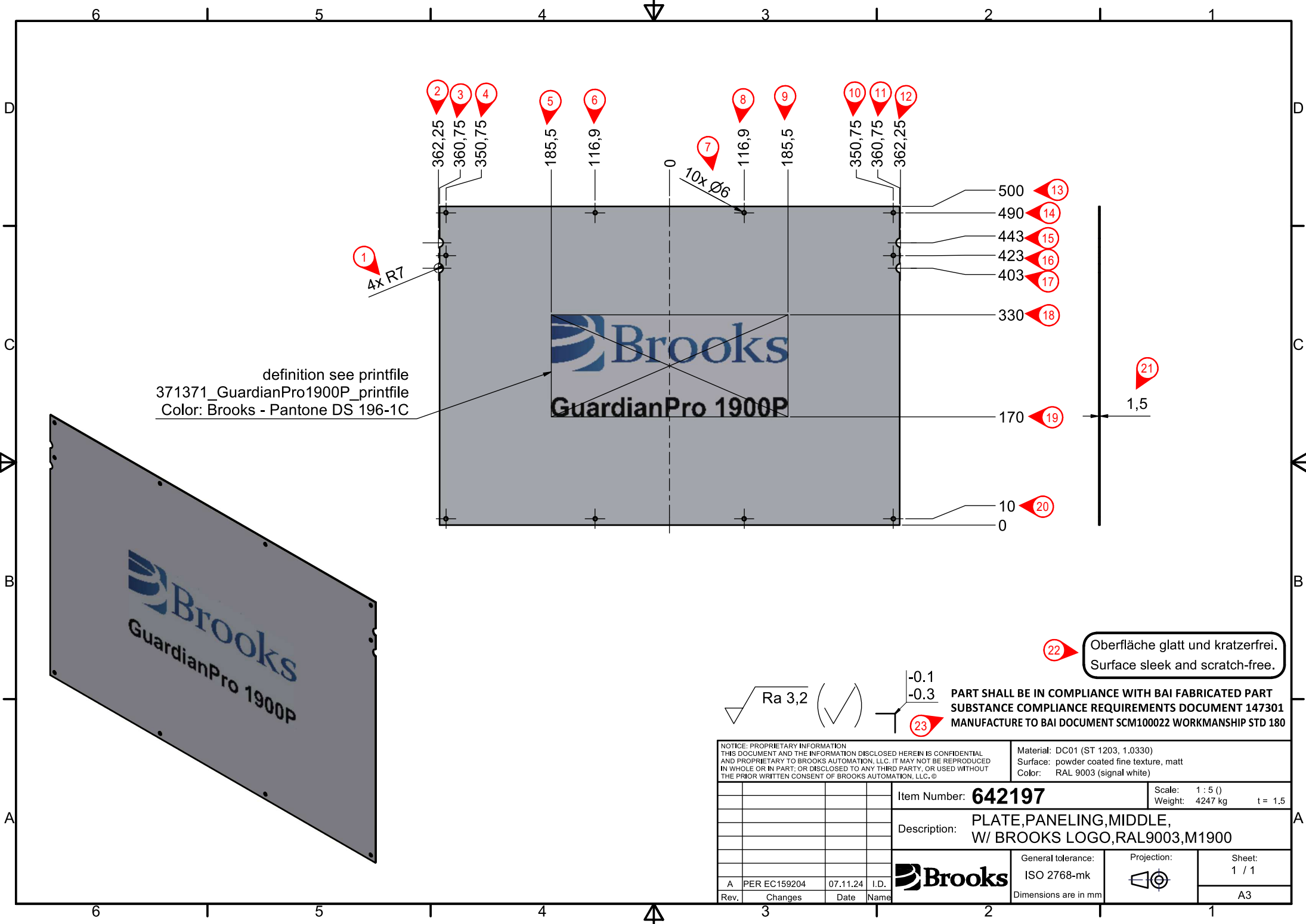
Print Name: Yu Wei

WUXI SHAONENG SHEET METAL MANUFACTURING CO., LTD.

NO. 2 WEST JINGUI RD, HUDAI TOWN, BINHU DIST, WUXI, JIANGSU 214161, CHINA

Tel: 86 510-85580205

Fax: 86 510-83217510



NOTICE: PROPRIETARY INFORMATION
THIS DOCUMENT AND THE INFORMATION DISCLOSED HEREIN IS CONFIDENTIAL
AND PROPRIETARY TO BROOKS AUTOMATION, LLC. IT MAY NOT BE REPRODUCED
IN WHOLE OR IN PART, OR DISCLOSED TO ANY THIRD PARTY, OR USED WITHOUT
THE PRIOR WRITTEN CONSENT OF BROOKS AUTOMATION, LLC. ©

Material: DC01 (ST 1203, 1.0330)
Surface: powder coated fine texture, matt
Color: RAL 9003 (signal white)

Item Number: 642197		Scale: 1 : 5 ()	t = 1,5
Description: PLATE,PANELING,MIDDLE, W/ BROOKS LOGO,RAL9003,M1900			
Brooks		General tolerance: ISO 2768-mk	Projection:
Rev. Changes		Sheet: 1 / 1	
PER EC159204		A3	
07.11.24			
I.D.			
Date			
Name			

尺寸检测报告

Dimension Inspection Report

A/1

产品图号 P/N	642197			图纸版本号 Version	A	产品订单号 PO #	2006490				
产品名称 Desc.	PLATE,PANELING,MIDDLE,W/ BROOKS LOGO,RAL9003,M1900			材料/规范 Mat./Criteria	DC01	检测人员/日期 Inspector /Date	WangYangyang 2025/2/25				
报告类属 Category	■ 样件 □ 小批量试制 □ 量产 Sample Pre-lanch Mass			重量/KG Weight		质量工程师/日期 QE /Date	XieLian 2025/2/25				
序号 NO.	检测尺寸及公差 Dimision&Tolerance			检验方法 Methodology	实 测 值 Actual Dimension						说明 Comments
					1#	2#	3#				
1	R7	+0.10	-0.10	投影仪 Profile projector	OK	OK	OK				OK
2	362.25	+0.50	-0.50	投影仪 Profile projector	362.24	362.25	362.23				OK
3	360.75	+0.50	-0.50	投影仪 Profile projector	360.73	360.72	360.73				OK
4	350.75	+0.50	-0.50	投影仪 Profile projector	360.73	360.72	360.73				OK
5	185.5	+0.50	-0.50	投影仪 Profile projector	185.49	185.48	185.49				OK
6	116.9	+0.30	-0.30	投影仪 Profile projector	116.87	116.88	116.89				OK
7	φ6	+0.10	-0.10	投影仪 Profile projector	6.00	6.01	6.02				OK
8	116.9	+0.30	-0.30	投影仪 Profile projector	116.87	116.88	116.89				OK
9	185.5	+0.50	-0.50	投影仪 Profile projector	185.49	185.48	185.47				OK
10	350.75	+0.50	-0.50	投影仪 Profile projector	350.71	350.73	350.72				OK
11	360.75	+0.50	-0.50	投影仪 Profile projector	360.71	360.72	360.72				OK
12	362.25	+0.50	-0.50	投影仪 Profile projector	362.21	362.24	362.24				OK
13	500	+0.80	-0.80	投影仪 Profile projector	500.02	500.01	500.03				OK
14	490	+0.80	-0.80	投影仪 Profile projector	490.02	490.03	490.02				OK
15	443	+0.80	-0.80	投影仪 Profile projector	443.02	442.99	442.97				OK
16	423	+0.80	-0.80	投影仪 Profile projector	422.99	422.96	422.97				OK
17	403	+0.80	-0.80	投影仪 Profile projector	403.01	403.02	403.01				OK
18	330	+0.50	-0.50	投影仪 Profile projector	330.02	330.01	330.02				OK
19	170	+0.50	-0.50	投影仪 Profile projector	170.02	170.00	170.03				OK
20	10	+0.20	-0.20	投影仪 Profile projector	9.98	9.97	9.99				OK
21	1.5	+0.10	-0.10	卡尺 Caliper	1.51	1.49	1.52				OK
22	Oberfläche glatt und kratzerfrei surface sleek and scratch free			目检 Visual Inspection	OK	OK	OK				OK
23	PART SHALL BE IN COMPLIANCE WITH BAI FABRICATED PART SUBSTANCE COMPLIANCE REQUIREMENTS DOCUMENT 147301			Acknowledged	OK	OK	OK				OK
ID		DESCRIPTION					NEXT CALIBRATION DATE				
ACS5054		Profile projector					2025/12/9				
202231125		Caliper					2025/3/17				
4808520082		Square					2025/3/17				
177332		Angle ruler					2025/3/25				
SF007		R gage					2025/3/17				

MAANSHAN IRON & STEEL CO.,LTD.

Customer 分公司

Product

Steel Grade

Condition of Supply 通入、下世

Specification

Certificate NO. E15661569615

Train NO. 日次

Contract NO. 201491-100

Report NO.

Date of delivery 2020-03-19

Certificate of Product Quality

Address: NO.8 Jiuhua West Road, Maanshan City.

Anhui Province, P.R. China

Postcode:243003, Tel:(0555) 2877326

合计 TOTAL	26,250	
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Explains: 1. The duplicate should not be equally authentic as the original inspection certificate.
2. The steel grade is subject to the inspection certificate's.

- 表面结构: D-麻面; B-光亮表面。
- 表面处理: O-涂油;
- “质量等级”一栏如果填入缺陷名称, 则该批号的产品不受任何质量异议。
- 本产品由马钢冷轧总厂生产
- 筒包装用户处储在期四周, 精包装用户处储在期三个月

站长盖章:
Stationma
ter




喷塑产品检测报告

产品名称: 642197
粉末型号: RAL 9003 (signal white)

检验员: 葛荣成
检验日期: 2025. 2. 23

检验项目	质量要求	检验方法	结果
外观	表面光滑，无流挂，无露底，无气孔，无明显颗粒物，无纤维，划痕，色泽均匀	目测	OK
厚度	光面：40-90 砂纹：60-100 桔纹：80-120	测厚仪	72.2~87.5 μ m
附着力	划格器对样板进行网状划格，特性值不低于GT1	依据GB9286划格法	OK
冲击力	冲击仪对样板进行冲击，粉末涂层40Kgf.cm	依据GB/T173冲击试验	OK
色差	E值要小于2.0	色差仪	E: 0.3 L: 0.1 a 0.1 b: 0
光泽	供需双方商定的允许范围	光泽仪	84.2~88.1GU

DOCUMENT NUMBER: QMS100107	TITLE: Manufacturer's Affidavit (COO)	
REVISION: C DCO# DCO005380	DOCUMENT CLASSIFICATION: 04-Form, Template or Other	

1 PURPOSE

This document is intended to be used as a manufacturer's affidavit.

2 REFERENCE DOCUMENTS, FORMS

Internal Document References - Reference the related procedures and work instruction documents that explain how to use this form (if applicable).

Document Number	Document/Form Name
SCM100111	First Article Inspection Form
QMS101090	Incoming Inspection

3 DETAILS


- 3.1 This form is intended to be filled out by suppliers as part of the First Article Inspection process to declare the Country of Origin (COO).
- 3.2 The form affirms that the listed article(s) were exclusively manufactured at a specific facility since a designated date, any foreign components have been significantly altered, and no claims for drawback will be pursued.
- 3.3 The supplier commits to notifying Brooks of any changes that may impact the article's origin.

4 RECORD RETENTION

For Control and Retention of Quality Records, see QMS101517

Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks.

Template Number: QMS100833	Template Name: 04-Form, Template or Other	Template Rev: H
Date Printed: Saturday, March 8, 2025	This is uncontrolled when printed	PAGE 1 OF 2

DOCUMENT NUMBER: QMS100107	TITLE: Manufacturer's Affidavit (COO)	
REVISION: C DCO# DCO005380	DOCUMENT CLASSIFICATION: 04-Form, Template or Other	

Manufacturer's Affidavit

I, Yu Wei, declare to the best of my knowledge and belief that the article(s) identified below or as attached were manufactured by WUXI SHAONENG SHEET METAL MANUFACTURING CO.,LTD. at the facility located at NO. 2 WEST JINGUI RD, HUDAI TOWN, BINHU DIST, WUXI, JIANGSU 214161, China.

These articles have been manufactured solely at this location since 09/01/2020, any foreign material which may be contained therein has undergone a substantial transformation and that the article(s) has not and will not be subject to a claim for drawback.

The company agrees to advise you of any changes which may affect the origin of the article as described above.

Name: Yu Wei
Title: Quality Manager
Date: 2/25/2025

Blanket Period: One Year
From: 2/25/2025
To: 2/24/2026

List of Product(s):

<u>Brooks Automation PN.</u>	<u>Description</u>	<u>Country of Origin</u>
642190	PLATE,PANELING,MIDDLE,W/ BROOKS LOGO,RAL9003,M1900	CHN

yu wei

_____ Signature	_____ QA Manager	_____ 2/25/2025 Date
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Brooks Automation US, LLC, 15 Elizabeth Drive
Chelmsford, MA 01824

Instructions: complete the form with the exception of the signature, print the form out and sign it and return the scanned document to **Brooks Automation**.

1. Declaration type

☐ **Brooks Automation** declaration to customer

☒ Supplier Declaration to **Brooks Automation**

Manufacturer Name	WUXI SHAONENG SHEET METAL MANUFACTURING CO.,LTD.
Manufacturer Address	NO. 2 WEST JINGUI RD. HUDAI TOWN. BINHU DIST.WUXI, JIANGSU,CHINA

2. Covered parts or ☒ see attached list

Brooks Part Number	Manufacturer part number	Exemption Claimed
642197	642197	/

3. RoHS declaration

Part(s) are (select one) compliant to ☒ **RoHS Directive 2011/65/EU and amendment 2015/863/EU**

☐ **RoHS Directive 2011/65/EU and amendment 2015/863/EU with exemptions** (complete exemption column in above table) ☐ Obsolete ☐ Part is unknown ☐ vendor has not supplied sufficient information (for Brooks only)

*If exemptions are claimed they must be listed with the parts above or on attached list.

4. REACH Declaration

REACH Regulation EC No. 1907/2006 status:

The parts are compliant to the Annex XVII Restrictions

☒ Yes ☐ No

The part does not contain any of the Article 59 Candidate list SVHCs above 0.1%wt/article

☒ Yes ☐ No




If the part contains an SVHC, please complete the following:

Article w/SVHC	Substance	CAS%	% by Weight

5. Signature

Completing the information below indicates, to the best of the signatory's knowledge the above declarations are correct

Date	2025-02-25
Authorized Representative (name)	Yu Wei
Title	QA Manager
Signature	yu wei
Email	yuwei@shaofanggroup.com

PACKAGING METHOD PROPOSAL				
Supplier Name:		SHAONENG	Date:	2025/2/25
Part No./Rev.:		642197 A	Ref.DWG No./Rev:	642197 A
Part Description:		PLATE,PANELING,MIDDLE,W/ BROOKS LOGO,RAL9003,M1900		
Customer Name:		Brooks Automation US, LLC		
1	STEP1			
2	STEP2			
3	STEP3			

4	STEP4	
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