



BROETJE-AUTOMATION USA

Additional Supplier Information for Test Plans

June 01, 2026

Agenda

- 1 Test Plans Introduction
- 2 Broetje-Automation Templates

Test Plan Introduction

In order to ensure the safety of products, state laws and regulations of private organizations oblige manufacturers and installers of technical products to provide "technical documentation".

Required documentation is specified with a Test Plan number in the Purchase Order, see example:


Item	Material	Old material nr.	Description
00010	700002022	282.746.109	PULLEY
Order quantity	Unit		
1	Piece		
Date of delivery	Day	05/19/2026	
Prod./Test note		TEST PLAN 10	

In this example, supplier has to provide two documents that are required for Test Plan 10, the Certificate of Conformity and the Measurement Report.

The supplier may use Broetje Automation templates or own documents.

Documents shall be delivered as hardcopy with the parts.

Purchase Orders will only be considered received upon submission of all required quality documents.

 Test Plan Requirements Broetje Automation-USA (EN)			CNC parts (CNC)		Weldments (SWT)				
Context	Supplier Deliverables	Link to BAUS Template	10	11	20	23	25	27	29
Certificate of conformity	Certificate of conformity: Verification per purchase order according to document template "Cert of Conformity" provided on Broetje-Automation homepage (Downloads) or equivalent supplier document.	https://broetje-automation.de/wp-content/uploads/2023/09/BA-Group_QA_FO_Cert_of_Conformity_deu_eng.xlsx	X	X	X	X	X	X	X
Measurement report	Measurement report: all inspection dimensions recorded for every part (no measurement allowed on machining center or manufacturing machine). According to document template "Measurement Report" provided on Broetje-Automation homepage (Downloads) or equivalent supplier document.	https://broetje-automation.de/wp-content/uploads/2023/04/BA-Group_QA_FO_Measurement_Report_deu_eng.xlsx	X	X	X	X	X	X	X
Hardness	Hardness test certificate: Hardness specifications must be verified according to ASTM E 10, ASTM E 92, ASTM E 18 Chapter inspection report.	Supplier documentation		X					
Coating	Coating: Confirmation of professional execution according to purchase order and Broetje paint spec BN30.050 must be provided by confirmation of paint thickness and color. According to template "Coating Protocol" provided on Broetje-Automation homepage (Downloads) or equivalent supplier document.	https://broetje-automation.de/wp-content/uploads/2026/02/BA-Group_QA_FO_Coating_Protocol_eng.docx		X	X	X	X	X	X
Personnel qualification	Welder's qualification test certificates on request according to AWS D1.1, Annex E, Form E-4 .	Supplier documentation			X	X	X	X	X
Inspection certificates	Material Certification or Mill Test Reports in according to ASTM A370 / ASTM E415 .	Supplier documentation			X	X	X	X	
Welding execution	Inspection and documentation of weld seams according to AWS D1.1 Chapter 8	Supplier documentation			X				
	Visual inspection of welds according to AWS D1.1, C6 / Annex E . Inspector qualified according to ASME Section V and valid eye test required. For weldments according to test plan 29, only to be supplied on request. If necessary, further NDT according to requirements in drawing/purchase order. According to template "Visual Inspection Sheet" provided on Broetje-Automation homepage (Downloads) or equivalent supplier document.	https://broetje-automation.de/wp-content/uploads/2023/04/BA-Group_QA_FO_Visual_Inspection-Sheet_VT_Template.doc					X	X	X
	Heat treatment record (if heating is indicated on the drawing)	Supplier documentation		X			X	X	X

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- 1 Test Plans Introduction
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Template Certificate of Conformity (1/2) – Test Plan 10 - 29

Order no. Broetje-Automation

Certificate of Conformity acc. DIN EN 10204-2.1				
Werksbescheinigung nach DIN EN 10204-2.1				
General part Allgemeiner Teil				
Customer Besteller	<input type="checkbox"/> Broetje-Automation GmbH	Company / Supplier Firma / Lieferant		
	<input type="checkbox"/> Shanghai Broetje-Automation Equipment Trading Co., Ltd			
	Bitte ankreuzen / Please mark.			
Order no. Bestellnr.		Delivery note no. Lieferscheinnr.		
		Order date Bestelldatum		
Order scope Bestellumfang				
Order position Bestellposition	Drawing no. / Revision no. Zeichnungsnr. / Revisions-Nr.	Quantity Liefermenge	Comment Bemerkung	
1				
2				
3				

Order positions to be listed as indicated in the purchase order

Indication of drawing no. incl. revision no. with regards to single position no.

Ordered quantity per order position and drawing

Possible comments can be included here.

Supplier name and adress

Delivery note no.

Order date

Template Certificate of conformity (2/2) – Test Plan 10 - 29

Statement Bescheinigung		
<p>This is to certify that the prespecified product has been tested and complies with the order/ specification/ manufacturing documents.</p> <p>Hiermit wird bescheinigt, dass das vorbezeichnete Produkt geprüft worden ist und mit der Bestellung/ Spezifikation/ Bauunterlagen übereinstimmt.</p>		
Date Datum		Signature Unterschrift
Name Name		

Date and name creator of document

Signature necessary!

Template Measurement Report – Test Plan 10 - 29

Manually filled out protocols.

General information

Measurement device information

Results and evaluation

Examiner / signature / location

QA - Measurement Report
QS - Messprotokoll



Stand: 21.11.2018

general part Allgemeiner Teil								
supplier / manufacturer: Auftraggeber / Hersteller:			component designation: Bauteilbezeichnung					
order no.: Bestell Nr.:			drawing no.: Zeichnungsnummer:					
Project: Projekt			drawing index.: Zeichnungsindex:					
module: Baugruppe:			serial number: Seriennummer:					
log number: Protokollnummer:								
used measurement device Verwendete Messmittel								
measurement device: Messmitteltyp:								
other measurement device: Sonstige Messmittel:								
device Ident. No.: Messmittelnummer:								
result Befund						evaluation Bewertung		
PM	inspec. Dim.	set point	tolerance	act. value	deviation	o.k	n.o.k	Remarks
PM	Prüfmaß	Sollwert	Toleranz	Istwert	Abweichung	i.O.	n.i.O.	Bemerkungen
1								
2								
3								
4								
5								
6								
7								
8								
10								
11								
12								
13								
14								
15								
16								
examiner Prüfer								
name of examiner: Name des Prüfers:			date of examination: Datum der Prüfung:					
signature of examiner: Unterschrift des Prüfers:			location of examin.:					

Template Coating Protocol – Test Plan 11 - 29

Coating Protocol



General information

Supplier:	
Order number:	
Position:	
Drawing number:	

Visual Inspection

No.	Criteria	Request	Examination carried out
1	Structure and course	Visually visible deviations (e.g. orange peel, brush strokes, roller prints, etc.) are not permitted.	<input type="checkbox"/>
2	Visible material defects, rolling cracks, scars	Not allowed	<input type="checkbox"/>
3	Material scratches, burr formation, other damage	Not allowed	<input type="checkbox"/>
4	Spot weld marks	Not allowed	<input type="checkbox"/>
5	Bishop	Not allowed	<input type="checkbox"/>
6	Pinpricks, open pores	Not allowed	<input type="checkbox"/>
7	Blistering	Not allowed	<input type="checkbox"/>

Result of coating thickness measurement

Coating thickness measurement (dry film thickness)

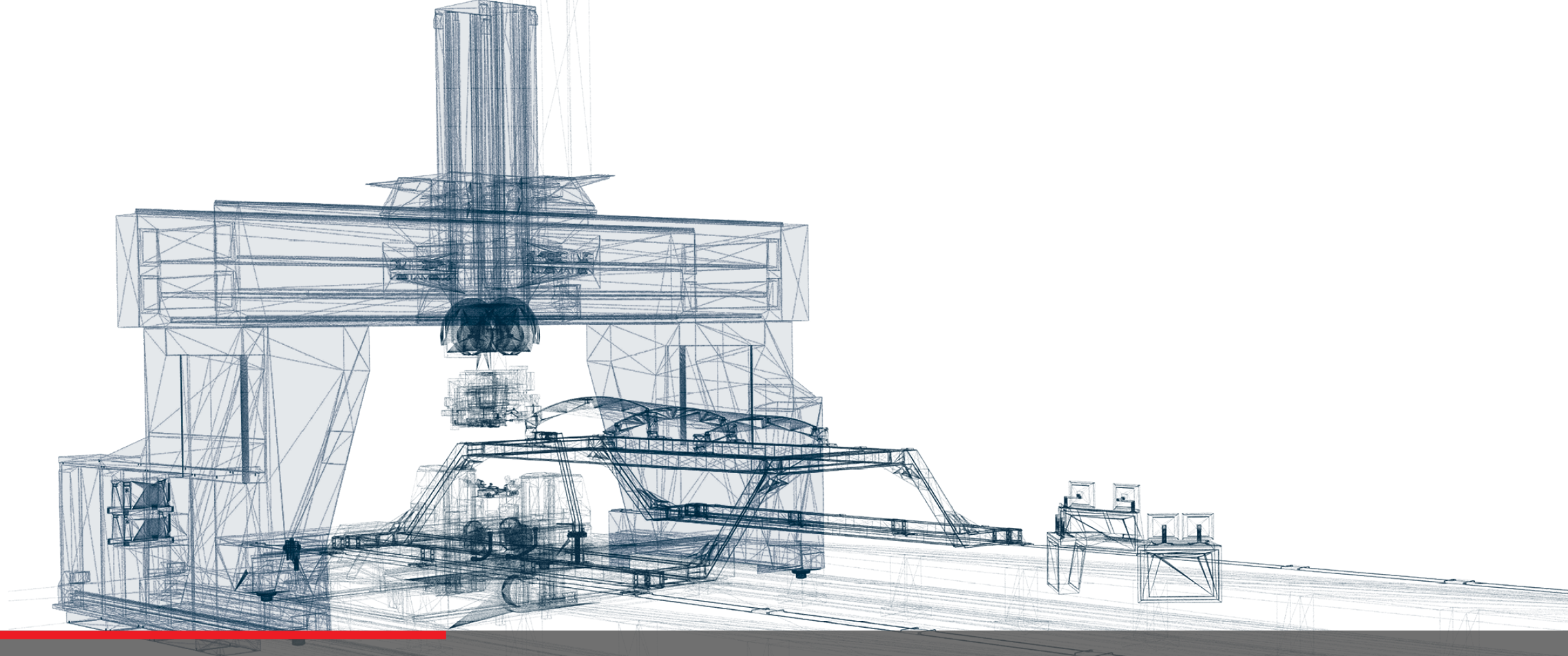
The measuring points must be marked on the drawing and attached to this report.

Wet painting Powder coating

Point	Thickness	Point	Thickness
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

Examiner / signature / location

Signature/Stamp



Thank you!

For any questions, please contact the person identified on the Purchase Order.