



Doing Business with Boeing
Approved Process Sources D1-4426
Revision: LJ Effective: 1/Feb/2021

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**Document D1-4426 - Processor:
ELEMENT MATERIALS TECHNOLOGY
BROKEN ARROW LLC**

**Document D1-4426 - Processor:
ELEMENT MATERIALS
TECHNOLOGY BROKEN ARROW
LLC**

**Click on the Processor code number
for a complete list of approvals**

[BE10070294](#)

**ELEMENT MATERIALS TECHNOLOGY
BROKEN ARROW LLC
3100 N HEMLOCK CIR**

**BROKEN ARROW, OK 74012-1115
UNITED STATES**

Area: OK

**Contact Name: Gil Monos, QA Manager
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Detail Information for Processor Code number: BE10070294	
Supplier Name: ELEMENT MATERIALS TECHNOLOGY BROKEN ARROW LLC	
Address:	3100 N HEMLOCK CIR,
City/town:	BROKEN ARROW
Province/state:	OK 74012-1115
Country:	UNITED STATES
Area:	OK
Contact Name:	Gil Monos
Title:	QA Manager
Phone:	918-505-7129
Fax:	

* An acronym in the "Nadcap Commodity" column only indicates that Nadcap accreditation may be required for this Process Code. It does not provide any indication of this company's actual Nadcap accreditation status.

Process Code	*Nadcap Commodity	Limitation Codes	Doc Notes	Nomenclature	Specification Number
003	AQS	None	None	Boeing approved QMS as defined in D1-4426 Processor Requirements Sec 6.16.3	Quality System
802	MTL	None	None	Mechanical Testing - Metallic	Mech. Testing
803	MTL	None	None	Metallurgical Testing	Met. Testing
808	WLD	None	None	Qual/Cert Welders and Weld Operators	BAC 5962
809	CP	None	None	Process Solution Control	Chem. Testing
810	CP	None	None	Salt Spray Testing	ASTM-B-117
811	WLD	None	None	Welder Qualification	MIL-STD-1595

811A	WLD	None	None	Welder Qualification	AMS-STD-1595
812	WLD	None	Physical Testing and Metallurgical Only	Spec for Fusion Welding for Aerospace Applications for Welder Qualification	AWS D17.1
812B	WLD	None	None	Boeing Approved Visual Weld Inspector Certification Program	Weld Inspector Cert

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Boeing Testing Matrix

Boeing Test Code	Test Description	EBA Procedure	EBA Nadcap Test Code
802 Mechanical Testing Metallic	Room Temperature Tensile ASTM B557, ASTM B557M	A201	A
	Room Temperature Tensile ASTM E8/E8M	A201	A
	Impact Testing ASTM E23	A202	N
	Bend Testing ASTM E290	A203	XN
803* Metallurgical Testing	Specimen Preparation ASTM E3	B213	L0
	Macro Knoop/Vickers ASTM E92	B208	M2
	Grain Size ASTM E112	B218	L11
	Macroetching Alloys ASTM E340	B205	XL
	Microhardness Knoop/Vickers ASTM E384	B208	L1/L5
	Microetching Alloys ASTM E407	B206	L0
808 Welder Qualification	BAC 5962	W200	U11
809 Process Solution Control	Chemical Testing	C218	N/A
810 Salt Spray Testing ASTM B117	Corrosion – General	B201	Q
811 Welder Qualification	MIL-STD-1595	W200	Supplement A U11
811A Welder Qualification	AMS-STD-1595	W200	Supplement A U11
812 Fusion Welding Welder Qualification	AWS D17.1/D17.1M	W200	Supplement B U11
812B Boeing Approved Visual Weld Inspector Certification Program	AC 7101/3 AC 7101/4 AC 7101/13 AC 7110/13S	W200	WLD U11

*Per Mike Steele, Code 803 Includes Chemical Analysis Using Nadcap Accredited Test Codes (F3, G1, G5)