



Doing Business with Boeing
Approved Process Sources D1-4426
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Document D1-4426 - Processes for BE10028864

Detail Information for Processor Code number: BE10028864	
Supplier Name: ELEMENT MATERIALS TECHNOLOGY RANCHO DOMINGUEZ	
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* 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	Quality Management System (QMS) as defined in D1-4426 Processor Requirements Sec 6.16.3	Quality System
400	NDT	None	.	Magnetic Particle Inspection	BAC 5424
400A	NDT	None	.	Magnetic Particle Inspection	BSS 7040
402	NDT	None	.	Magnetic Particle Inspection	ASTM-E-1444
403	NDT	None	.	Magnetic Particle Inspection	MIL-STD-1949
404	NDT	None	.	Magnetic Particle Inspection	MIL-I-6868
410	NDT	None	.Also approved to pre-penetrant etch aluminum, titanium, magnesium,	Penetrant Inspection	BAC 5423

			and stainless steels.		
410A	NDT	None	Also approved to pre-penetrant etch aluminum, titanium, magnesium, and stainless steels.	Liquid Penetrant Inspection	BSS 7039
411	NDT	None	Approved to pre-penetrant etch aluminum, titanium, magnesium, and stainless steels	Penetrant Inspection	ASTM-E-1417
412	NDT	None	Approved to pre-penetrant etch aluminum, titanium, magnesium, and stainless steels.	Penetrant Inspection	MIL-STD-6866
420A	NDT	None	.	Standard Practice for Radiographic Inspection	ASTM-E-1742
421	NDT	None	.	Radiologic Inspection/Radiography (film)	BSS 7041
430	NDT	None	.	Ultrasonic Inspection - Longitudinal Wave	BAC 5439
430A	NDT	None	.	Ultrasonic Inspection/Longitudinal	BSS 7052
430B	NDT	None	.	Ultrasonic Inspection/Shear Wave	BSS 7052
431	NDT	None	.	UT Insp Plate and Flat - Obsolete Superseded by BSS 7055	BAC 5439-3
431A	NDT	None	None	Ultrasonic Inspection/Plate - Flat	BSS 7055
431B	NDT	None	.	Ultrasonic Inspection/Round - Shapes	BSS 7055
432	NDT	None	.	UT Insp Rounds - Shapes - Obsolete Superseded by BSS 7055	BAC 5439-3
436	NDT	None	.	Ultrasonic Inspection of Flat Surface Shapes	MIL-STD-2154
436A	NDT	None	.	Ultrasonic Inspection Titanium and Titanium Alloy Bar, Billet and Plate	AMS 2631
436B	NDT	None	.	Ultrasonic Inspection of Flat Surface Shapes	AMS-STD-2154

436C	NDT	None	.	Ultrasonic Inspection of Flat Surface Shapes	MIL-I-8950
436E	NDT	None	None	Ultrasonic Inspection of Flat Surfaces	ASTM-E-2375
437	NDT	None	.	Ultrasonic Inspection of Rounds - Shapes Req-d Compensation	MIL-STD-2154
437A	NDT	None	.	Ultrasonic Inspection of Rounds and Shapes	AMS-STD-2154
437C	NDT	None	None	Ultrasonic Inspection of Rounds and Curved Shapes	ASTM-E-2375
510	CP	A3	Method II only	Cleaning - Descaling of Titanium - Method II Only	BAC 5753
809	CP	A3	.	Process Solution Control	Chem. Testing
848A	NDT	A3	None	NDI Personnel Certification Level 3 Magnetic	NAS 410
849A	NDT	A3	None	NDI Personnel Certification Level 3 Penetrant	NAS 410
850A	NDT	A3	None	NDI Personnel Certification Level 3 Radiographic	NAS 410
851A	NDT	A3	None	NDI Personnel Certification Level 3 Ultrasonic	NAS 410
M400	NDT	None	None	Magnetic Particle Inspection (QPL)	HP6-5
M410A	NDT	None	Also approved to pre-penetrant etch aluminum, titanium, magnesium, and stainless steels.	Penetrant Inspection - Fluorescent (QPL)	HP6-13
M424	NDT	None	None	Radiographic Inspection (QPL)	HP6-18
M430	NDT	None	.	Ultrasonic Inspection - Metals (QPL)	HP6-22
S400	NDT	None	None	Magnetic Particle Inspection	PS21201
S410A	NDT	None	Also approved to pre-penetrant etch per PS 12050.1	Penetrant Inspection - Aluminum	PS21202
S410C	NDT	None	Also approved to pre-penetrant etch.	Penetrant Inspection - Cobalt - Nickel	PS21202
S410D	NDT	None	Also approved to pre-penetrant etch.	Penetrant Inspection - Copper	PS21202

S410F	NDT	None	Also approved for pre-penetrant etch.	Penetrant Inspection - Magnesium	PS21202
S410H	NDT	None	.	Penetrant Inspection - Stainless Steels	PS21202
S410J	NDT	None	Also approved to pre-penetrant etch.	Penetrant Inspection - Titanium	PS21202
S421	NDT	None	.	Radiographic Inspection	PS21206
S430	NDT	None	None	Ultrasonic Inspection	PS21211
S430C	NDT	None	None	Ultrasonic Inspection - Machined Parts / Thin Mat-I	PS21211.3

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