

Required Certification Information for External Providers

NOTE: The requirements below apply to your sub-tier providers. Any of their sub-tier providers must also be monitored and comply with these requirements.

process	Proof of Certification					Process Cert Approval required	Other Controls Required
	ISO9001:						
	17025	NADCAP	AS9100C	2008	Boeing's QPL		
Auditing			x				
Calibration	x	or	x				
Castings							Tolerances on print maintained per inspection at SAI, Cert.s of Conformance, Chemical composition of the metal. Sub-tier supplier must show compliance with process specifications delegated, e.g. Heat treat certification from NADCAP, or proof of compliance with spec requirements, i.e. a copy of the calibration record of the oven used to heat treat to the required spec shall be provided with the packing slip, OR parts may be sent to a NADCAP accredited testing house to verify compliance to the PO.
Chromic Anodization		x			x	HP4-2	
Cutting/grinding							cert.s of conformance, PO tolerances specified in PO must be evident in the dimensional inspection at SAI.
Electroless Nickel Plating		x			x	HP4-90	
Distributor							Prefer authorized distributors.
Fluorescent Penetrant Insp.		x			x	HP6-13	
Hard Anodization		x			x	HP4-79	
Heat Treat: aluminum		x			x	HP1-2	
Heat Treat: SS		x			x	HP1-1	
Injection Molding							Tolerances on print maintained, Cert.s of Conformance, Material Testing Certs
Machined parts							Tolerances on print maintained per inspection at SAI, Cert.s of Conformance, Chemical composition of the metal. <u>Sub-tier suppliers must show compliance</u> with process specifications delegated, e.g. Heat treat certification from NADCAP, or proof of compliance with spec requirements, i.e. a copy of the calibration record of the oven used to heat treat to the required spec shall be provided with the packing slip, OR parts may be sent to a NADCAP accredited testing house to verify compliance to the PO and that documentation shall likewise be provided with the packing slip.
Passivation					x	HP4-8	In house copper sulfate test per ASTM A967
Raw Materials							Review of each shipment's certs & material testing. Annual testing of their material for authenticity and correctness. DFARS materials only for product materials.
Shot Peen		x			x	HP4-36	
Testing labs					x		
Atlas Testing Labs	x		x				
Water Jet			x	x			