

NAV14 - TORQUE (ISO 4.9)

A 1.	Are torque requirements identified in purchase order, procurement specification, drawing or other document?	___ Yes ___ No ___ N/A
A 2.	Are torque results documented and traceable to components, materials, areas, etc.?	___ Yes ___ No ___ N/A
A 3.	Are torque results/certification required by purchase order or other document readily available for review?	___ Yes ___ No ___ N/A
A 4.	Are the tools/instruments being utilized?	___ Yes ___ No ___ N/A
	* Calibrated	___ Yes ___ No ___ N/A
	* Correct range for task	___ Yes ___ No ___ N/A
	* Maintained/stored	___ Yes ___ No ___ N/A
	* Controlled for issue	___ Yes ___ No ___ N/A
A 5	a. Is a procedure/work instruction readily available for torque requirements?	___ Yes ___ No ___ N/A

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	b. Record torque procedure/work instruction number and appropriate approval.	___ Yes ___ No ___ N/A
	c. If available, witness a torque operation on a component.	___ Yes ___ No ___ N/A
	d. If not available, verify by interview that the operator is familiar with the process and procedure/work instruction.	___ Yes ___ No ___ N/A
A 6.	Do the procedures/work instructions address torque safety records?	___ Yes ___ No ___ N/A
A 7.	Are items requiring torque properly marked, sealed, and/or lockwired, etc. when required by specifications, after proper values have been obtained?	___ Yes ___ No ___ N/A
A 8.	Does the procedure/work instruction address the proper use of a torque multiplier wrench?	___ Yes ___ No ___ N/A
A 9.	Is a procedure/process invoked that provides periodic Quality Assurance monitoring/oversight of torquing?	___ Yes ___ No ___ N/A
A 10.	Are torque records retained as required by specifications or procurement documents?	___ Yes ___ No ___ N/A

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A 11.	Review and record a sample of data where torque was accomplished to verify the process. Record the following:	___ Yes ___ No ___ N/A
	* Torque tool serial numbers	___ Yes ___ No ___ N/A
	* Torque values	___ Yes ___ No ___ N/A
	* Traceability of purchase order requirements	___ Yes ___ No ___ N/A
A 12.	Do the procedures/work instructions provide for resolving any over torque deficiencies?	___ Yes ___ No ___ N/A
A 13.	Do the supplier procedures address special torquing requirements for special materials like non-metallic and bi-metallic?	___ Yes ___ No ___ N/A
A 14.	Does the torque procedure/work instruction address re-torquing the same item many times? (i.e. After loosening and tightening many times, an item like a self-locking nut, the ability to properly lock will be lost).	___ Yes ___ No ___ N/A

Additional Comments/Concerns: