

NAV01 - METALLURGICAL/CHEMICAL LABORATORY TESTING (ISO 4.9)

A 1.	a. Identify types of laboratory testing performed at the facility being audited.				___ Sat ___ Unsat ___ N/A
	___ Chemical	___ Tensile	___ Charpy V Notch	___ Dynamic Tear	
	___ Weld ability	___ Wedge	___ Bend	___ Hardness	
	___ Other (specify):				
	b. Identify which test processes were witnessed and which were verified by objective quality evidence.				
A 2.	Do the supplier's procedures contain requirements for method and location for obtaining test specimens and do these requirements meet applicable material specifications?				___ Sat ___ Unsat ___ N/A
A 3.	a. Do the supplier's procedures contain requirements identifying the specific number of test specimens required for each type of test?				___ Sat ___ Unsat ___ N/A
	b. Do these meet applicable material specifications?				
					___ Sat ___ Unsat ___ N/A
A 4.	a. Review the method for identifying test specimens to heat, melt, lot, as applicable and the system for maintaining this identity through the laboratory process, including any machining of the specimen.				___ Sat ___ Unsat ___ N/A
	b. Is the system adequate for maintaining test specimen identifies and trace ability?				
					___ Sat ___ Unsat ___ N/A
B 5.	Review a sample of completely machined test specimen's specification (e.g. ASTM A-370 for ferrous material). Record number of samples reviewed.				___ Sat ___ Unsat ___ N/A

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A 6.	Review the supplier's policy for retests as a result of test failure and assure that it meets applicable specification requirements. Explain, if unsatisfactory.	___ Sat ___ Unsat ___ N/A
A 7.	Is the testing performed to written procedure?	___ Sat ___ Unsat ___ N/A
B 8.	Is the applicable test procedure readily available to the Individual performing the test?	___ Sat ___ Unsat ___ N/A
A 9.	Does the procedure contain specific parameters and correct accept/reject criteria?	___ Sat ___ Unsat ___ N/A
B 10.	Is the test equipment being used in compliance with the specification/procedures?	___ Sat ___ Unsat ___ N/A
A 11.	Does the test equipment have objective quality evidence of being currently in calibration?	___ Sat ___ Unsat ___ N/A
A 12.	If applicable (charpy and dynamic tear), is the test specimen at the correct temperature at the time of the test?	___ Sat ___ Unsat ___ N/A
A 13.	Is the test specimen identified and traceable back to applicable heat and/or lot?	___ Sat ___ Unsat ___ N/A
B 14.	Review and identify a sample of test reports to ensure that data recorded satisfies specification requirement.	___ Sat ___ Unsat ___ N/A

Additional Comments/Concerns: