

NAV03 ADM - NONDESTRUCTIVE TESTING (ISO 4.9)

Vendor: _____ **Auditor:** _____ **Date:** _____

1.	<p>Routine Scheduled Audit</p> <p>a. Annual <input type="checkbox"/></p> <p>b. Semi-annual <input type="checkbox"/></p> <p>c. Other <input type="checkbox"/></p>
2.	<p>Product driven Audit</p> <p>a. Product received by the Prime Vendor that does not meet specification requirements. <input type="checkbox"/></p> <p>b. Product that was installed or was being installed the does not meet specification requirements. <input type="checkbox"/></p> <p>c. Product has failed in service and investigations show it did not meet specification requirements. <input type="checkbox"/></p>
<p>What specification is the Audit being performed to?</p>	
3.	<p>Governing Specification: Mark the appropriate specification</p> <p>a. MIL-STD-2132 <input type="checkbox"/></p> <p>b. NAVSEA 250-1500-01 (Welds) <input type="checkbox"/></p> <p>c. MIL-STD-271 (F) <input type="checkbox"/></p> <p>d. T9074-AS-GIB-010/271 ACN1 <input type="checkbox"/></p> <p>e. T9074-AS-GIB-010/271 Revision 1 <input type="checkbox"/></p> <p>f. Other _____ <input type="checkbox"/></p>
4.	<p>Program Type: Mark the appropriate program type</p> <p>a. Level I/ SubSafe <input type="checkbox"/></p> <p>b. Nuclear Plant Material <input type="checkbox"/></p> <p>c. Fly by Wire Ships Control System <input type="checkbox"/></p> <p>d. Navy Propulsion Program <input type="checkbox"/></p> <p>e. Naval Nuclear Propulsion Program <input type="checkbox"/></p> <p>f. Deep Submergence Systems / Scope of Certification Program <input type="checkbox"/></p> <p>g. Aircraft Launch and Recovery <input type="checkbox"/></p> <p>h. Other _____ <input type="checkbox"/></p>
5.	<p>Does the vendor have an NDT Examiner?</p> <p>a. In house <input type="checkbox"/></p> <p>b. Contracted <input type="checkbox"/></p> <p>c. Certified in the method <input type="checkbox"/></p> <p>d. Available for the Audit <input type="checkbox"/></p> <p>e. No Examiner <input type="checkbox"/></p>
6.	<p>Is the NDT inspection program administration code or specification complaint?</p> <p>a. Level III Approved written practice <input type="checkbox"/></p> <p>b. Approved procedures <input type="checkbox"/></p> <p> i. Level III <input type="checkbox"/></p> <p> ii. Prime contractor <input type="checkbox"/></p> <p> iii. Clearly specifies inspection requirements <input type="checkbox"/></p> <p> iv. Clearly specifies acceptance criteria <input type="checkbox"/></p> <p> v. Qualified to find known defects <input type="checkbox"/></p> <p>c. Approved technique sheet <input type="checkbox"/></p>

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	<ul style="list-style-type: none"> i. Level III <input type="checkbox"/> ii. Prime contractor <input type="checkbox"/> iii. Clearly specifies inspection requirements <input type="checkbox"/> iv. Clearly specifies acceptance criteria <input type="checkbox"/> d. Approved technical work documents <ul style="list-style-type: none"> i. Level III <input type="checkbox"/> ii. Prime contractor <input type="checkbox"/> iii. Clearly specifies inspection requirements <input type="checkbox"/> iv. Clearly specifies acceptance criteria <input type="checkbox"/> e. Inspector records <ul style="list-style-type: none"> i. Is there a current eye examination <input type="checkbox"/> ii. Certifications are current <input type="checkbox"/> iii. Previous certifications included <input type="checkbox"/> iv. Educational history <input type="checkbox"/> f. Workmanship standards <ul style="list-style-type: none"> i. Available <input type="checkbox"/> ii. Controlled <input type="checkbox"/>
7.	<p>Are material controls in place?</p> <ul style="list-style-type: none"> a. Segregated (Level I, Subsafe, etc.) <input type="checkbox"/> b. Controlled <input type="checkbox"/> c. Traceable <input type="checkbox"/> d. Procedure for disposition <input type="checkbox"/>
8.	<p>Are records maintained to confirm that all required inspection processes were performed?</p> <ul style="list-style-type: none"> a. Description and unique identification of item being inspected <input type="checkbox"/> b. Approved procedure identification <input type="checkbox"/> c. Acceptance standard used <input type="checkbox"/> d. Date of inspection <input type="checkbox"/> e. Signatures of inspectors <input type="checkbox"/> f. Disposition (accept / reject) of the item inspected <input type="checkbox"/> g. Retention (Where and how long) <input type="checkbox"/>
9.	<p>1. Technical Concerns: List the technical concerns associated with the method.</p> <ul style="list-style-type: none"> a. <u>Pre-Weld Fit-up and Dimensional</u>: Pre-weld dimensions and fit-up attributes should be verified when applicable. b. <u>Weld Contour (as welded or ground)</u>: An improper weld contour can have a detrimental effect on the integrity of the weld joint and higher level NDT methods such as MT, PT, UT and RT. c. <u>Weld size (minimum and maximum)</u>: Specified weld sizes are based upon engineering, design and service requirements. Weld size verification is an important attribute to ensure the engineered strength weld and component can meet its intended purpose. d. <u>Acceptance Criteria</u>: Acceptance criteria can vary depending on joint design, weld classification and higher level NDT requirements (PT, MT, UT, RT). Inspection procedure and Acceptance criteria should be available to inspector at workstation e. <u>Inadequate Process Controls</u>: Thorough and technically comprehensive VT procedures ensure the inspector has adequate and detailed direction to evaluate any weld or applicable surface.

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	<p>f. Inadequate Technique: Inspector technique and methodology when performing visual weld inspection, especially measuring and dimensional verification of weld size and discontinuity size, are critical. Proper use of lighting is an important and helpful component of the inspection to enhance identification of surface discontinuities. Shadow formation caused by ridges and crevices are more readily visible and identifiable with proper flashlight angulation.</p>
10.	<p>Known Process Problems: List the known process problems</p> <ul style="list-style-type: none"> a. Required inspection tools available b. Inspection tools calibrated (when required) c. Is the lighting adequate (is there a procedure requirement?)
<p>Checklist Instructions: Be specific and ask follow-up questions as appropriate.</p> <ul style="list-style-type: none"> a. Any condition that is considered to be non-compliant must be specifically documented as to what the deficiency is. <ul style="list-style-type: none"> i. Specification ii. Page iii. Paragraph iv. Detailed description of what was observed b. Document comments or observations on the checklist at each checkpoint or the comment section, as needed, no matter if the checkpoint is satisfactory or unsatisfactory. c. Comments on any checkpoint may be positive, as well as negative. d. If it is observed that an attribute requires additional attention but does not invalidate the inspection, mark the Needs Improvement (NI) column and provide a recommendation in the comments area. 	
<p><u>Review all findings with the vendor to be sure there is no confusion as to what the findings are before you leave the vendor site.</u></p>	
<p>Inspector Name: _____ Procedure: _____ VPAR Approval: _____ Part examined: _____</p>	
<p>WRITTEN PRACTICE (TP271-1.6, TC1A- 5.0, NSTR99-2.0)</p>	
1.	<p>Is there a Level III Examiner-approved NDT Written Practice maintained on file? Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/></p>

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2.	Does the written practice contain, identify and meet the minimum requirements for the control and administration of the NDT program for each Level of Certification by method and technique for the following:	
2a.	- Personnel Training	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2b.	- Examinations	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2c.	- Certification / Recertification	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2d.	- Describe the responsibilities of each level of certification.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2e.	- Limited certifications (WTE, training hours, number of examination questions, etc.)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2f.	- Minimum training hours	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2g.	- Minimum experience (WTE)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
2h.	- Test techniques within each test method applicable to its scope of operations.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
OVERSIGHT PROGRAM (TP271-1.6.10, TC1A-10.0, NSTR99-3.0)		
3.	Is there an NDT oversight and surveillance program or plan?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
4.	Is it specified in the written practice or other document?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5.	Does it address the following items:	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5a.	- Oversight of NDT personnel (excluding Examiners).	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5b.	- Technical Performance Evaluations (per TC1A 8.5), by the end of the second year of certification for each method. (TP271)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5c.	- Monitoring surveillances of each inspection method certified, performed annually.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5d.	- Reinspecting previously accepted product.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5e.	- Monitoring within 6 months of initial certification for each inspection method qualified and then annually thereafter. (NSTR-99)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
5f.	- Reinspection of previously accepted product on each inspector in each method qualified once during certification cycle. (Not to be performed in conjunction with monitoring).	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
6.	Does an approved operational examination occur for a certification by examination if they have not performed tests in the method in which they are certified in for a period of 9 months? (TP 271 ACN Section 1.6.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

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RECORDS (TP271, TC1A, NS250-1500, MS2132, NSTR99)		
7.	Is there a certified Level III Examiner for each NDT method performed by the supplier?	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
8.	Is there an individual “NDT personnel qualification”, certification and monitoring record for each inspector?	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
9.	Do the records contain information for the current and previous certification periods? (TP-271, 1.6.8.a)	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10.	Do the records contain the following information as a minimum?	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a.	T9074-AS-GIB-010/271 Rev. 1 (para. 1.6.8) and SNT-TC1A-2016 (para.9.4).	
10a1.	- Level of certification, NDT method and/or technique (including any certification limitations).	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a2.	- Educational background and experience including training prior to initial Certification.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a3.	- Vision exam for current and preceding certification period, including corrective aids.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a4.	- Statement indicating satisfactory completion of training IAW the employer’s written practice with Level III Examiners signature.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a5.	- Signature of the Level III that verified qualifications.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a6.	- Current exam copies or evidence of successful completion of examinations that can be correlated to the exam administered.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a7.	- Results of exams with composite grades or suitable evidence of grades.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a8.	- Current ASNT certification letter for each method for basic and method exams for Examiners.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a9.	- Dates of certification and/or recertification.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a10.	- Certification expiration date.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a11.	- Certification expiration date.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>
10a12.	- Certification statement with the Level III Examiners signature for Level I and II’s Signature of the employer’s representative for Level III Examiners.	<i>Sat</i> <input type="checkbox"/> <i>Unsat</i> <input type="checkbox"/> <i>NI</i> <input type="checkbox"/> <i>N/A</i> <input type="checkbox"/>

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10a13.	- Is the level III using an ASNT certificate for the Basic and Method exams (SNT-TC-1A, 8.7.4)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10a14.	- Was the ASNT certificate a renewal awarded by the point system? (If all of the certifications on the certificate expire on the same date, this is an indication of using the point system to recertify)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b.	NSTR-99 para. 4.0 (NS250-1500-1, MS2132)	
10b1.	- Name of Employee and qualification level	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b2.	- NDT qualification records, including the graded written and operational exams	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b3.	- Dates of monitoring including method and technique monitored	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b4.	- Specific identification of product used for qualification and monitoring.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b5.	- Deficiencies noted, or other remarks as applicable.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b6.	- Corrective action if deficiencies are noted.	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
10b7.	- Records of reinspections	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
EXAMINATIONS (TP271-1.6.4, MS2132-10.5.2, NS1500- 6.7.7.1)		
11.	Are all exam materials or data bases adequately secured to prevent unauthorized disclosure or use?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
12.	Are level I and II personnel recertified to the same extent as the original certification every three years?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Are Examiners recertified to the same extent, (except the basic exam), as the original certification every 5 years?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
14.	Are the Level III NDT Examiner personnel initially certified via the proper examination methods, which includes the following for each of the NDT areas the Level III is overseeing:	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
14a.	- Basic Exam	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
14b.	- Method Exam	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

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14c.	- Specific Exam (relative to the type of products being overseen)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
15.	Are the results of the Level III NDT Examiner personnel exams readily available for review?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Are the results of the Level II NDT inspection personnel exams readily available for review?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
17.	T9074-AS-GIB-010/271 Rev. 1, SNT-TC1A (2016 ed.)	
17a.	- Does the responsible Level III approve all written and practical qualification exams? (TC1A 8.1.1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
17b.	- Are there general (theory) written exams for Level I and II with at least 40 questions for each method? (TC1A-Table 8.3.4)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
18.	Do the written examinations have at least the minimum number of questions for the testing method? (SNT-TC-1A, table 8.3.4, NSTR-99)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
18a.	- Are the general written exam questions verbatim from the “ASNT Questions & Answers Books? (this is not allowed) (TC1A- 8.6)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
18b.	- Are there specific (specifications) written exams for Level I and II with at least 20 questions for each method? (TC1A-Table 8.3.4)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Were there questions on the specific exam(s) that pertain to the acceptance criteria used by the employer? (SNT-TC-1A, 8.4.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
19a.	- Do the specification exams address the equipment, operating procedure, and NDT techniques that the individual may encounter during specific assignments? (TC1A- 8.4.1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
19b.	- Are specification exam questions current to the most recent revision of the applicable specifications?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Were there any questions on the exams that were left blank by the candidate? If there were blanks, where they marked as incorrect?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
20a.	- Are there practical (operational) exams for Level I and Level II for each method? (TC1A- 8.5)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
20b.	- Is at least one flawed specimen or component used to test personnel? (TC1A- 8.5.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
21.	Was there documentation indicating that the practical exam specimen contained at least one flaw and did it identify the type and location of the flaw(s) in the practical exam specimen? (SNT-TC-1A, 8.5.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

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21a.	- For Film Interpretation certification, does the practical exam consist of an appropriate number of radiographs as determined by the Level III Examiner? (TC1A- 8.5.2.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
21b.	- Are there checklists (attributes) with at least 10 different checkpoints for each method?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22.	TC1A - 8.5.4	
22a.	- Are the practical exams such that all conditions specified by the Level III Examiner are required to be detected by the candidate? (TC1A - 8.5.4, 8.5.5).	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22b.	- Does the written practice address practical examination detection rates and maximum number of false calls acceptable? (TC1A - 8.5.4, 8.5.5).	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22c.	- Are there critical (pass/fail) checkpoints on the checklist? (TC1A- 8.5.5)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22d.	- Are all exam based upon a composite score of 80% with no individual written examination score of less than 70%? (TC1A-8.1.5)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22e.	- Do all practical examinations require 80% minimum passing score? (TC1A - 8.1.5) (not applicable before TC1A 2016 ed. w/supplement)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22f.	- Does a “qualified representative” of the Level III Examiner administer written exams? Is there documented evidence of this qualification and appropriate training by the Level III? (TC1A-8.1.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22g.	- Does a “qualified representative” of the Level III Examiner administer practical exams? Are they certified in the applicable method as a Level II or III? (TC1A -8.1.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22h.	- Is there evidence the “Examiner Specific Exam” has been administered to the Level III Examiner? (TP271- 1.6.2.1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22i.	- Is there evidence the Level III Examiner has taken the “basic” exam prior to their initial certification? (TC1A- 8.7.1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
22j.	- Are certification exams being administered by one’s self or a subordinate? (this is not allowed) (TC1A- 8.1.8)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

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23.	NSTR-99 Are all exam minimum passing score 80%? (NSTR-99 - 5.0.A.4)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24.	Written Exams	
24a.	- Are there written exams for each inspection method performed at the supplier?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24b.	- Do operator only (Level I) written exams contain at least 25 questions and do they contain the required mix? (NSTR99- 5.0.B.1, Table 1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24c.	- Do Inspector (Level II) written exams contain at least 50 questions and do they contain the required mix? (NSTR99- 5.0.B.1, Table 1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24d.	- Are two answer questions limited to 20% of the exam? (NSTR99- 5.0.B.2)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24e.	- Are there at least 2 separate exams for each method or if an exam generator is used are there enough questions for at least two different exams? (NSTR99- 5.0.A.6)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24f.	- Do exams have maximum of 20% repeat questions? (NSTR99- 5.0.A.7)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
24g.	- Do written exams have uniform point values? (NSTR99- 5.0.A.8)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
25.	Practical Exams	
25a.	- Are there practical exams for each inspection method performed at the supplier?	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
25b.	- Does each exam contain at least one critical parameter which if missed results in automatic failure of the candidate? (NSTR-99 - 5.0.A.8(b))	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
25c.	- Do practical exams contain artificial or natural flaws and are grossly rejectable flaws avoided? (NSTR99-5.0.C.1)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
25d.	- Are specific point values assigned to each indication and important aspects of the technique? (NSTR99- 5.0.C.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
25e.	- Are test props mapped, photographed or otherwise recorded? (NSTR99- 5.0.C.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

NAV03 ADM - NONDESTRUCTIVE TESTING (ISO 4.9)

25f.	- Are key portions of the practical exam monitored by the Examiner or a delegated representative? (NSTR99- 5.0.A.12)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
<p>NNPP PT OPERATIONAL EXAM STRUCTURE: Verify that separate liquid penetrant tests are given for each material group.</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.1(b)(1): An operational exam shall be given for each liquid penetrant group for which the candidate is being qualified. A different test piece shall be used for each group.</p>		
<p>NNPP MT OPERATIONAL EXAM STRUCTURE: Verify that separate magnetic particle tests are given for each method as applicable (wet or dry).</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.2(b)(1): An operational exam shall be given for each technique for which the candidate is being qualified. A different test piece shall be used for each technique.</p>		
<p>NNPP UT OPERATIONAL EXAM STRUCTURE: Verify that separate ultrasonic tests are given for each technique, as applicable.</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.3(b): ...There shall be examinations for each of the following techniques: longitudinal contact, shear contact, longitudinal immersion, shear immersion, and through transmission.</p>		
<p>NNPP RT OPERATIONAL EXAM STRUCTURE: Verify that separate radiographic tests are given for each qualification level, as applicable.</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.4(b)(1): Radiographers: ...The candidate shall prepare a technique sheet and sketch recording the essential elements used and evaluate the film for technique conformance.</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.4(b)(2): Inspectors: ...The examination shall include review and evaluation of a set of radiographic films...</p> <p>NSTR-99 Rev 4 & 6, 5.0.D.4(b)(3): Operators: The examination consists of radiographing a production sample using the appropriate technique sheet and sketch.</p>		
<p>Vision Test Requirements</p>		
26.	Do these records indicate a Jaeger J1 test or equivalent on an annual basis? (TP-271, 1.6.7.1 and 250-1500-1, 6.7.3(1))	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
27.	Vision test date:	
27a.	- Is there a color discrimination vision record for each Level I, II and III? (TP271, 1.6.7, MS2132, 10.7, NS1500, 6.7.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>
27b.	- Is there a color discrimination vision record for each Level I, II and III? (TP271, 1.6.7, MS2132, 10.7, NS1500, 6.7.3)	Sat <input type="checkbox"/> Unsat <input type="checkbox"/> NI <input type="checkbox"/> N/A <input type="checkbox"/>

