

CONTRACTING VENDOR NONDESTRUCTIVE SERVICES

STANDARD CLAUSE 60-86 DETAILS THE REQUIRED INFORMATION THAT A VENDOR MUST PROVIDE WHEN A REQUEST FOR NONDESTRUCTIVE TESTING (NDT) SERVICES IS ISSUED IN DIRECT SUPPORT OF AN ELECTRIC BOAT (EBC) AUTHORIZED CONSTRUCTION CONTRACT TO PERMIT CERTIFICATION OF THE NDT PERFORMED.

APPLICABLE DOCUMENTS

THE FOLLOWING DOCUMENTS ARE APPLICABLE, UNLESS OTHERWISE SPECIFIED.

NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271 DATED 30 APRIL 1997 AS MODIFIED BY NOTICE 1 DATED 16 FEBRUARY 1999

NAVSEA TECHNICAL PUBLICATION T9074-AD-GIB-010/1688 DATED 1 MAY 1997

NAVSEA TECHNICAL PUBLICATION S9074-AR-GIB-010/278 DATED 1 AUGUST, 1995

MIL-STD-2035, REVISION A, DATED 15 MAY 1995

EB 3900 MODIFICATIONS TO MIL-STD-271 AND T9074-AS-GIB-010/271

STANDARD CLAUSE 60-67 NONDESTRUCTIVE TEST PROCEDURE APPROVAL

THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT)  
RECOMMENDED PRACTICE NO. SNT-TC-1A (2011)

A. PERSONNEL AND EQUIPMENT

THE FOLLOWING ARE THE MANDATORY MINIMUM REQUIREMENTS EXPECTED OF A VENDOR IN SUPPORT OF A REQUEST TO PROVIDE EXPERIENCED NDT INSPECTION PERSONNEL TO SUPPORT CONSTRUCTION SCHEDULES AT THE LOCATION(S) AS DETAILED IN THE PURCHASE ORDER, UNLESS OTHERWISE SPECIFIED.

1. THE NDT METHOD(S) THAT MAY BE REQUIRED ARE LIQUID PENETRANT

TESTING (PT), MAGNETIC PARTICLE TESTING (MT), PHASE ANALYSIS EDDY CURRENT (PAET), RADIOGRAPHY (RT), ULTRASONIC TESTING (UT), AND VISUAL TESTING (VT) OF COMPLETED FABRICATION WELDMENTS TO BE USED FOR THE INSPECTION OF NAVSEA TECHNICAL PUBLICATION T9074-AD-GIB-010/1688 AND NAVSEA TECHNICAL PUBLICATION S9074-AR-GIB-010/278 APPLICATIONS.

2. VENDOR PERSONNEL MUST BE CERTIFIED TO PERFORM THE REQUESTED NDT IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTINGS RECOMMENDED PRACTICE SNT-TC-1A (2011) AS MODIFIED BY NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271, SECTION 1. LEVEL OF CERTIFICATION SHALL BE SUCH THAT THE INDIVIDUAL IS PERMITTED TO MAKE SPECIFIC EVALUATIONS FOR ACCEPTANCE OR REJECTION DETERMINATIONS.

3. THE VENDOR WILL BE REQUIRED TO PROVIDE ON-SITE LEVEL III TEST EXAMINER OVERSIGHT OF THE TECHNICAL PERFORMANCE OF THEIR NDT PERSONNEL WHO PERFORM ACCEPTANCE INSPECTIONS AT A PERIODICITY OF EVERY SIX MONTHS. COPIES OF THESE PERFORMANCE OVERSIGHTS SHALL BE PROVIDED TO THE RESPONSIBLE HOST DEPARTMENT MANAGEMENT.

4. SUPERVISION OF NDT INSPECTORS, TECHNICAL DIRECTION FOR WORK, AND SHIFT ASSIGNMENTS WILL BE AT THE DISCRETION OF EBC MANAGEMENT.

5. THE VENDOR SHALL PROVIDE ALL THE EQUIPMENT AND CONSUMABLES

NECESSARY TO PERFORM THE SPECIFIED NDT INSPECTIONS. THIS INCLUDES BUT IS NOT LIMITED TO AC YOKES, PAET EQUIPMENT, UT INSTRUMENTS, PENETRANT MATERIALS, ETC. ALL HAZARDOUS MATERIALS MUST BE APPROVED AND PROCESSED THROUGH THE EBC HAZMAT PROGRAM.

B. QUALITY ASSURANCE

PRIOR TO THE PERFORMANCE OF ANY INSPECTIONS, THE VENDOR IS REQUIRED TO PROVIDE THE FOLLOWING INFORMATION:

1. NDT PERFORMANCE PROCEDURES: THE VENDOR SHALL SUBMIT ALL NDT PERFORMANCE PROCEDURES ON A VENDOR PROCEDURE APPROVAL REQUEST (VPAR) TO THE BUYER FOR REVIEW AND APPROVAL PRIOR TO USAGE PER THE REQUIREMENTS OF STANDARD CLAUSE 60-67.

A. PROCEDURES SHALL MEET THE REQUIREMENTS OF NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271, AS MODIFIED BY EB SPEC 3900.

B. ALL PROCEDURE CHANGES OR REVISIONS SHALL BE RESUBMITTED FOR WRITTEN APPROVAL PRIOR TO USAGE.

C. FOR MULTIPLE OR REPETITIVE ORDERS THAT APPLY TO SIMILAR ITEMS, IT IS NOT ALWAYS NECESSARY TO SUBMIT VPARS FOR EVERY APPLICATION. PREVIOUSLY APPROVED PROCEDURES MAY BE USED PROVIDED THE CONDITIONS DETAILED IN STANDARD CLAUSE 60-67 ARE SATISFIED:

NOTIFICATION OF INTENT TO USE A PREVIOUSLY APPROVED PROCEDURE MUST BE SUBMITTED VIA VTDX TO THE BUYER PRIOR TO USAGE.

2. PERSONNEL CERTIFICATION PROCEDURE: THE VENDOR SHALL SUBMIT A COPY OF THE COMPANYS WRITTEN PRACTICE THAT GOVERNS THE CERTIFICATION OF NDT PERSONNEL ON A VPAR TO THE BUYER FOR REVIEW AND APPROVAL. ANY SUBSEQUENT PROCEDURE CHANGES OR REVISIONS SHALL BE RESUBMITTED FOR WRITTEN APPROVAL PRIOR TO USAGE.

A. THIS PROCEDURE SHALL BE IN ACCORDANCE WITH NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271, SECTION 1.6 AND THE GUIDELINES OF ASNT RECOMMENDED PRACTICE NO. SNT-TC-1A (2011) SHALL BE

INVOKED AS MANDATORY MINIMUM REQUIREMENTS.

B. LEVEL III TEST EXAMINER(S) SHALL BE CERTIFIED BY EXAMINATION, WHICH SHALL INCLUDE A COMPANY SPECIFIC EXAMINATION AS REQUIRED BY NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271, PARAGRAPH 1.6.1.

C. ALL PERSONNEL SHALL BE RE-CERTIFIED BY EXAMINATION ONLY, AT INTERVALS NOT GREATER THAN 3 YEARS FOR LEVEL I AND II PERSONNEL AND 5 YEARS FOR LEVEL III TEST EXAMINERS.

D. LEVEL I AND II PERSONNEL SHALL BE ADMINISTERED AN OPERATIONAL EXAMINATION, AS A MINIMUM, IF THEY HAVE NOT PERFORMED PRODUCTION INSPECTIONS FOR A PERIOD OF 9 MONTHS.

E. THE JAEGER J1 VISION TEST SHALL BE ADMINISTERED ANNUALLY AND THE DOCUMENTATION MUST INDICATE IF CORRECTIVE AIDS ARE REQUIRED.

3. PERSONNEL CERTIFICATION RECORDS: THE VENDOR SHALL PROVIDE A COPY OF THE CERTIFICATION RECORD(S), BY NDT DISCIPLINE, FOR EACH INDIVIDUAL, INCLUDING THOSE OF THE RESPONSIBLE LEVEL III TEST EXAMINER(S), VIA VTDX TO THE BUYER FOR REVIEW PRIOR TO THE PERFORMANCE OF ANY PRODUCTION INSPECTIONS. UPDATED RECORDS SHALL BE PROVIDED AS RECERTIFICATION DATES BECOME DUE.

A. AS A MINIMUM, INDIVIDUAL CERTIFICATION RECORDS TO BE PROVIDED SHALL INCLUDE THE EYE TEST, EVIDENCE OF PERFORMANCE INSPECTIONS BEING CONDUCTED WITHIN THE LAST 9 MONTHS, AND EVIDENCE OF SATISFACTORY COMPLETION OF EXAMINATIONS.

B. THE VENDORS CERTIFICATION PRACTICE AND PERSONNEL RECORDS MAY BE THE SUBJECT OF AN ON-SITE AUDIT AT THE DISCRETION OF EBC MANAGEMENT.

C. REQUIRED DOCUMENTATION

UPON ARRIVAL AT THE JOB SITE, THE VENDOR IS REQUIRED TO PROVIDE COPIES OF THE FOLLOWING DOCUMENTATION TO THE EBC SITE MANAGEMENT

REPRESENTATIVE:

1. THE VENDORS INSPECTION PROCEDURE(S) WITH THE APPROVING VPAR(S).

2. THE INSPECTOR(S) AND LEVEL III TEST EXAMINER(S) CERTIFICATION RECORDS.

3. EQUIPMENT QUALIFICATION FILES, AS APPROPRIATE. AS QUALIFICATION DATES BECOME DUE, THE FILES SHALL BE UPDATED AND MAINTAINED ON-SITE. COPIES OF THE FILES SHALL BE PROVIDED TO EBC UPON COMPLETION OF ALL THE REQUIRED INSPECTIONS.