

THE REQUIREMENTS CONTAINED HEREIN SHALL APPLY TO THE SELLER'S AND ANY SUB-TIER SUPPLIER'S NDT PROCEDURES USED IN FULFILLING THE REQUIREMENTS OF THIS PURCHASE ORDER, (WHICH INCLUDES ALL SUB-TIER DOCUMENTS, I.E. FABRICATION AND MATERIAL SPECIFICATIONS, DRAWINGS, ETC.).

A. PROCEDURE APPROVAL

1. ALL RADIOGRAPHY, MAGNETIC PARTICLE, LIQUID PENETRANT, ULTRASONIC, EDDY CURRENT, VISUAL TESTING, AND ALLOY IDENTIFICATION, MUST BE PERFORMED IN ACCORDANCE WITH WRITTEN PROCEDURES APPROVED BY THE BUYER. PROCEDURES SHOULD BE SUBMITTED WITHIN THIRTY (30) DAYS OF THE SELLER'S RECEIPT OF ORDER.

PROCEDURES SHOULD BE APPROVED PRIOR TO PERFORMANCE OF THE INSPECTION, HOWEVER THE USE OF RAW MATERIAL WHICH WAS INSPECTED PRIOR TO APPROVAL OF THE PROCEDURE IS ACCEPTABLE.

NDT PROCEDURES FOR PREVIOUSLY INSPECTED RAW MATERIALS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO ANY USAGE OF THE MATERIAL.

* PREVIOUS PROCESS QUALIFICATION BY NORFOLK NAVAL SHIPYARD SATISFIES THE INTENT OF THIS REQUIREMENT FOR RADIOGRAPHY.

* VISUAL TESTING, AS IT PERTAINS TO THIS STANDARD CLAUSE, IS LIMITED TO THE INSPECTION OF COMPLETED FABRICATION WELDMENTS.

2. WHEN RADIOGRAPHY IS REQUIRED, THE SELLER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF ALL PRODUCTION RADIOGRAPHS. IN ADDITION, THE SELLER SHALL FORWARD TO THE BUYER ALL PRODUCTION RADIOGRAPHS VIA A PROPERLY COMPLETED VENDOR PROCEDURE APPROVAL REQUEST (VPAR, EB FORM 84-01-2974 OR NNS EQUIVALENT). THE BUYER MUST APPROVE ALL RADIOGRAPHS (INCLUDING ALL REPAIR CYCLES) PRIOR TO SHIPMENT OF HARDWARE UNLESS THE REQUIREMENT IS SPECIFICALLY WAIVED IN WRITING BY THE BUYER. ALL RADIOGRAPHS REQUIRED TO BE APPROVED AT THE BUYER'S FACILITY MUST BE SENT TO THE ATTENTION OF THE BUYER'S PURCHASING DEPARTMENT.

3. ALL NDT PROCEDURES SUBMITTED TO THE BUYER SHALL BE SIGNED FOR BY THE PERFORMING ACTIVITIES COGNIZANT LEVEL III TEST EXAMINER DENOTING APPROVAL.

4. ALL NDT PROCEDURES SUBMITTED TO THE BUYER FOR APPROVAL MUST CONTAIN DETAILED ACCEPTANCE CRITERIA AS REQUIRED BY THIS PURCHASE ORDER AND APPLICABLE SPECIFICATIONS AND DRAWINGS. GENERAL REFERENCE TO THE APPLICABLE ACCEPTANCE SPECIFICATION WILL NOT BE ACCEPTED BY THE BUYER, EXCEPT AS NOTED IN PARAGRAPH C.3. ACCEPTANCE CRITERIA MAY BE CONTAINED IN SEPARATE ATTACHMENTS/ADDENDA/SUPPLEMENTS TO THE BASE PROCEDURE.

5. ALL PROCEDURE CHANGES OR REVISIONS SHALL BE RESUBMITTED TO THE BUYER FOR WRITTEN APPROVAL PRIOR TO THE PERFORMANCE OF ANY TESTING. MATERIAL INSPECTED IN ACCORDANCE WITH UNAPPROVED CHANGES OR REVISIONS SHALL BE SUBJECT TO REJECTION.

6. WHEREVER MIL-STD-271 IS INVOKED, IT SHALL BE REVISION F AS MODIFIED BY EB SPEC 3900, OR NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271 (30 APRIL 1997) MAY BE USED AS A SUBSTITUTE. HOWEVER, IF NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271 IS INVOKED OR REFERENCED, THERE IS NO SUBSTITUTION PERMITTED (EXCEPT AS PERMITTED BY PARAGRAPH 1.8 THEREIN).

* REVISIONS TO VENDOR DRAWINGS TO REFLECT USE OF NAVSEA TECHNICAL PUBLICATION T9074-AS-GIB-010/271 ARE NOT REQUIRED.

* THE INSPECTION REQUIREMENTS OF ELECTRIC BOAT PREPARED AND NAVSEA APPROVED COMPONENT SPECIFICATIONS TAKE PRECEDENCE OVER THE ABOVE.

7. WHEREVER NAVSEA 0900-LP-003-8000, NAVSEA 0900-LP-003-9000, AND NAVSEA 0900-LP-006-3010 ARE INVOKED, IT MAY BE THOSE SPECIFICATIONS AS MODIFIED BY THIS PURCHASE ORDER OR MIL-STD-2035 REVISION A. HOWEVER, IF MIL-STD-2035 IS INVOKED OR REFERENCED, IT SHALL BE REVISION A ONLY WITH NO SUBSTITUTION PERMITTED.

8. WHERE REFERENCE IS MADE TO THE FOLLOWING SPECIFICATIONS, THE EFFECTIVE ISSUES SHALL BE THOSE LISTED BELOW:

- * NAVSEA 250-1500-1 SHALL BE REVISION 16 WITH ACN#5.
- * MIL-STD-2132 MAY BE EITHER REVISION D
- * NSTR-99 SHALL BE REVISION 3

9. REVISIONS TO VENDOR PROCEDURES TO REFLECT THE USE OF NAVSEA 250-1500-1, REVISION 16 WITH ACN#5 OR MIL-STD-2132 REVISION D ARE NOT MANDATORY. THE USE OF PREVIOUSLY APPROVED PROCEDURES, AS DETAILED IN SECTION F BELOW, IS STILL PERMITTED. HOWEVER, ANY NEW PROCEDURE SUBMITTALS SHALL COMPLY WITH PARAGRAPHS A.6, A.7, AND A.8 AS APPLICABLE.

B. VENDOR PROCEDURE APPROVAL REQUEST (VPAR)

1. SELLER AND SUB-TIER SUPPLIERS NDT PROCEDURES SHALL BE FORWARDED TO THE BUYER VIA A PROPERLY COMPLETED VENDOR PROCEDURE APPROVAL REQUEST (VPAR, EB FORM 84-01-2974 OR NNS EQUIVALENT). EACH PROCEDURE SHALL BE SUBMITTED SEPARATELY. THE SELLER SHALL SEND THE VPAR AND PROCEDURE TO THE BUYER DESIGNATED ON THIS PURCHASE ORDER. THE VPAR SHALL BE DISPOSITIONED BY THE BUYER'S DESIGNATED REPRESENTATIVE AND SHALL SERVE AS THE SELLER'S PROCESS APPROVAL, WHEN APPROVED.

2. TO EXPEDITE PROCEDURE APPROVAL, THE SELLER SHOULD ASSURE THAT THE VPAR FORM IS COMPLETED PROPERLY AND ALL PERTINENT INFORMATION IS INCLUDED. PARTICULAR ATTENTION SHOULD BE APPLIED TO THE FOLLOWING SECTIONS OF THE EB FORM:

A. BLOCK 10. THIS BLOCK IS INTENDED TO IDENTIFY THE APPLICABLE DRAWING. WITHOUT THIS INFORMATION, THE BUYER CANNOT VERIFY THE APPLICATION FOR WHICH THE VPAR IS BEING SUBMITTED. IF THE SAME TECHNIQUE WILL BE APPLIED TO NUMEROUS DRAWINGS, "VARIOUS" SHOULD BE ENTERED IN THIS BLOCK AND AN EXPLANATION ENTERED IN BLOCK 13. IF DRAWINGS ARE NOT APPLICABLE TO THIS ORDER, "N/A" SHOULD BE ENTERED.

B. BLOCK 11. THIS BLOCK IS INTENDED TO IDENTIFY THE PIECE MARK ON THE DRAWING IDENTIFIED IN BLOCK 10 FOR WHICH THE PROCEDURE APPROVAL IS BEING REQUESTED. IF A PIECE MARK IS NOT APPLICABLE, ENTER "N/A". WHERE THE PURCHASE ORDER REFERENCES A BUYER'S PART NUMBER FOR RAW MATERIAL, THAT NUMBER SHOULD BE ENTERED.

C. BLOCK 12. THIS BLOCK SHOULD REFERENCE THE PERFORMANCE SPECIFICATION AND ACCEPTANCE SPECIFICATION. FOR EXAMPLE, T9074-AS-GIB-010/271 AND MIL-STD-2035A, OR MIL-STD-271F AND MIL-T-16420K(1), ETC.

D. BLOCK 13. THIS BLOCK IS INTENDED TO PROVIDE INFORMATION TO BUYER PERTAINING TO THE SPECIFIC PROCEDURE, (NUMBER, REVISIONS, DATE, METHOD) FOR WHICH APPROVAL IS BEING REQUESTED. THIS BLOCK SHOULD ALSO STATE THE APPLICATIONS FOR WHICH APPROVAL IS BEING REQUESTED AND THE APPLICABLE ACCEPTANCE CRITERIA (I.E., PT OF MIL-STD-278F, P-1 WELDS WITH ACCEPTANCE TO NAVSEA 0900-LP-003-8000, SECTION V, CLASS 1). IF CLARIFICATION TO BLOCKS 10 AND 11 IS REQUIRED, THIS BLOCK SHOULD BE UTILIZED (I.E., PIPING DETAILS ARE BEING FABRICATED TO VARIOUS DRAWINGS AND VARIOUS PIECE MARKS. ALL WELDING IS IN ACCORDANCE WITH MIL-STD-278F, CLASS P-1).

3. IF PROCEDURE APPROVAL IS BEING REQUESTED FOR MORE THAN ONE APPLICATION, I.E., PT OF NICUAL FASTENERS AND WELD REPAIRS TO CUNI CASTINGS, EACH APPLICATION AND ACCEPTANCE SPECIFICATION SHOULD BE CLEARLY STATED.

C. NDT PROCEDURE REVIEW:

1. THE BUYER REVIEWS SELLER AND SUB-TIER SUPPLIER NDT PROCEDURES TO ASSURE COMPLIANCE WITH APPLICABLE PERFORMANCE DOCUMENTS AND ACCEPTANCE CRITERIA SPECIFICATIONS. IN GENERAL, ANY PORTION OF A PERFORMANCE DOCUMENT OR ACCEPTANCE SPECIFICATION THAT CONTAINS THE WORD "SHALL" MUST BE INCLUDED IN THE VENDOR PROCEDURE. ADDITIONALLY, WHENEVER MIL-STD-281F OR NAVSEA T9074-AS-GIB-010/271 IS INVOKED, THE FOLLOWING STATEMENTS MUST BE INCLUDED IN THE PROCEDURE:

* A STATEMENT IS REQUIRED THAT "THE PROCEDURE IS IN ACCORDANCE WITH THE REQUIREMENTS OF MIL-STD-271F (OR NAVSEA T9074-AS-GIB-010/271, AS APPLICABLE)", TO MEET THE REQUIREMENT OF PARAGRAPH 1.7.1.

* A STATEMENT IS REQUIRED THAT "PERSONNEL CERTIFICATIONS MUST BE IN ACCORDANCE WITH SNT-TC-1A, AS A MINIMUM REQUIREMENT, EXCEPT AS MODIFIED BY SECTION 1 OF MIL-STD-271F (OR NAVSEA T9074-AS-GIB-010/271, AS APPLICABLE)" TO MEET THE REQUIREMENT OF PARAGRAPH 1.6.

* A STATEMENT IS REQUIRED THAT "ACCEPTANCE INSPECTIONS SHALL BE PERFORMED ON AN ITEM IN THE FINAL SURFACE AND HEAT-TREATED CONDITION", UNLESS OTHERWISE SPECIFIED, TO MEET THE REQUIREMENT OF PARAGRAPH 1.4.

2. WHENEVER THE PERFORMANCE DOCUMENTS REFLECT THE USE OF MIL-STD-271F OR NAVSEA T9074-AS-GIB-010/271, THE FOLLOWING ADDITIONAL INFORMATION MUST BE CONTAINED IN SELLER AND SUB-TIER SUPPLIER NDT PROCEDURES:

MAGNETIC PARTICLE TESTING

- * LIGHTING REQUIREMENTS.
- * FINAL CLEANING.

LIQUID PENETRANT TESTING

- * MATERIAL TO BE TESTED; I.E., WELDS, WELD REPAIRS, CASTINGS, FORGINGS,

- ETC.
- * SURFACE PREPARATION.
- * LIGHTING REQUIREMENTS.

NOTE: VERIFY COMPLIANCE WITH AMS2644 OR MIL-I-25135 FOR ALL PENETRANTS, EMULSIFIERS, REMOVERS, AND DEVELOPERS. CHECK APPROPRIATE QPL.

ULTRASONIC TESTING

- * EQUIPMENT USED FOR TESTING.
- * EQUIPMENT QUALIFICATION METHOD (OR REFERENCE TO A QUALIFICATION PROCEDURE).

VISUAL TESTING

- * TYPE OF WELDS OR SURFACES TO BE INSPECTED.

NOTE: UNLESS OTHERWISE STATED IN THE ORDERING DATA OR DOCUMENT(S) INVOKED, THIS REQUIREMENT CAN BE SATISFIED BY SIMPLY OFFERING AN OPENING STATEMENT TO THE EFFECT THAT "THIS PROCEDURE SPECIFIES THE REQUIREMENTS FOR PERFORMING THE VISUAL INSPECTION OF COMPLETED FABRICATION WELDMENTS IN ACCORDANCE WITH (ENTER APPLICABLE SPECIFICATION)".

3. ACCEPTANCE CRITERIA SHALL BE DETAILED ENOUGH TO BE SELF-STANDING, I.E., NOT JUST REFERRING TO THE PARAGRAPH BUT RATHER CITING THE WORDING, AS OFTEN AS PRACTICAL. NOTED EXCEPTIONS ARE:

- * MIL-STD-2035A, FOR APPLICATION OTHER THAN FORGINGS/WROUGHT MATERIAL, WHERE REFERENCE TO THE APPLICABLE SECTION AND CLASS ARE SUFFICIENT.
- * NAVSEA 0900-LP-003-8000, SECTIONS III AND V, WHERE SECTION AND CLASS ARE SUFFICIENT.
- * SAE J122/123.

4. PROVIDED THE METHODOLOGY AND ACCEPTANCE CRITERIA CONTAINED IN A SELLER OR SUB-TIER NDT PROCEDURE ARE ACCEPTABLE, THE BUYER'S APPROVAL WILL BE GRANTED FOR THE SPECIFIC APPLICATION(S) REQUESTED BY THE SELLER. FOR EXAMPLE, IF A GROUP V PENETRANT PROCEDURE IN ACCORDANCE WITH MIL-STD-271F WITH ACCEPTANCE CRITERIA IN ACCORDANCE WITH MIL-S-1222H IS SUBMITTED FOR THE INSPECTION OF K-MONEL FASTENERS, THE BUYER'S EVALUATION SHOULD STATE "THIS PROCEDURE HAS BEEN REVIEWED AND APPROVED FOR THE GROUP V PENETRANT TESTING OF K-MONEL FASTENERS IN ACCORDANCE WITH MIL-STD-271F AND MIL-S-1222H, WITH ACCEPTANCE CRITERIA TO SAE J123C." IF THE VENDOR PROCEDURE ALSO CONTAINS ACCEPTANCE CRITERIA FOR OTHER APPLICATIONS SUCH AS FORGINGS OR CASTINGS, BUT APPROVAL IS NOT REQUESTED IN BLOCK 13 OF THE VPAR AND NOT REQUIRED BY THIS PURCHASE ORDER, PROCEDURE APPROVAL FOR THOSE OTHER APPLICATIONS WILL NOT BE GRANTED. THE SELLER MUST THEN RESUBMIT THIS PROCEDURE TO OBTAIN BUYER APPROVAL PRIOR TO USAGE ON ANY OTHER APPLICATIONS.

5. IN SELECTED INSTANCES, THE BUYER WILL APPROVE A PROCEDURE WITH COMMENTS. IN SUCH INSTANCES, THE PERFORMING ACTIVITY'S INSPECTION PERSONNEL MUST BE MADE AWARE OF THESE COMMENTS AND ALL TESTING SHALL BE PERFORMED TO INSTRUCTIONS INCORPORATING THESE COMMENTS. IN ADDITION, THE SELLER OR SUB-TIER SUPPLIER MUST INCORPORATE THEM AND RESUBMIT A REVISED PROCEDURE FOR BUYER APPROVAL PRIOR TO FUTURE USE.

D. ALLOY IDENTIFICATION PROCEDURE REVIEW

1. THE PROCEDURE SHALL BE IDENTIFIED BY A PROCEDURE NUMBER, REVISION NUMBER AND DATE.
2. THE ALLOY IDENTITY PROCEDURE SUBMITTED FOR APPROVAL SHALL CONTAIN THE FOLLOWING AS A MINIMUM:

A. SCOPE - THE PROCEDURE SHALL INCLUDE A LIST OF ALL THE GENERIC MATERIALS MANUFACTURED OR USED IN THE SELLER'S OR SUPPLIERS SHOP AND THE TESTING INSTRUMENT(S) USED TO SEPARATE EACH.

B. EQUIPMENT DESCRIPTION - THE PROCEDURE SHALL STATE THE TESTING INSTRUMENT BRAND NAME, MODEL NUMBER AND PRINCIPLE OF OPERATION.

C. EQUIPMENT SETUP - THE PROCEDURE SHALL LIST THE STEPS NECESSARY FOR EQUIPMENT SETUP AND PREPARATION FOR USE.

D. INSTRUMENT CHECK OR CALIBRATION - THE PROCEDURE SHALL PROVIDE MEANS FOR DETERMINING THAT THE TESTING INSTRUMENT IS FUNCTIONING PROPERLY. IF A CALIBRATION STANDARD OF "KNOWN" VALUE IS USED, AN ACCEPTANCE CRITERIA FOR PROPER CALIBRATION SHALL ALSO BE GIVEN, AND SHALL AS A MINIMUM BE PRIOR TO AND AT THE CONCLUSION OF TESTING, AND AFTER ANY CHANGE IN OPERATOR, EQUIPMENT OR PERIODS OF INACTIVITY. APPROPRIATE DOCUMENTATION OF THE CALIBRATION STANDARD COMPOSITION SHALL BE MAINTAINED ON FILE BY THE SUPPLIER.

E. TESTING OF MATERIAL - THE PROCEDURE SHALL INCLUDE DETAILS OF TESTING TECHNIQUE INCLUDING INSTRUMENT SETTINGS, POSITIONING OF INSTRUMENT PROBES AND PRECAUTIONS CONCERNING CONDITION OF MATERIAL TO BE TESTED (SUCH AS FREE FROM OIL, GREASE, OXIDE, SCALE AND FILM) AS APPROPRIATE.

F. ACCEPTANCE CRITERIA - THE PROCEDURE SHALL PROVIDE ACCEPTANCE CRITERIA FOR EACH OF THE GENERIC MATERIALS MANUFACTURED OR USED IN THE SUPPLIER'S SHOP.

G. OVERLAP - THE PROCEDURE SHALL ADDRESS THE QUESTION OF OVERLAP OF READINGS AMONG DIFFERENT GENERIC MATERIALS. IT SHALL CONTAIN ADEQUATE INSTRUCTIONS ON SUPPLEMENTAL TESTS (USE OF MAGNET, SPECTROGRAPHIC ANALYSIS, ETC.) TO DISTINGUISH BETWEEN SUCH MATERIAL AND TO PROVIDE POSITIVE IDENTIFICATION WHEN OVERLAP OCCURS.

3. GENERIC MATERIALS - GENERIC MATERIALS INCLUDE THE FOLLOWING:

NICUAL-CHROMIUM-IRON BASE ALLOYS (INCONELS AND HASTELLOYS)

K-MONEL

COPPER-NICUAL ALLOYS (CUPRO-NICKELS)

NICKEL-COPPER ALLOYS (MONELS)

AUSTENITIC STAINLESS STEELS (AISI 300 SERIES)

MARTENSITIC AND FERRITIC STAINLESS STEELS (AISI 400
SERIES AND 17-4 PH CLASS)

CARBON AND ALLOY STEELS

TITANIUM ALLOYS

COBALT BASE ALLOYS (STELLITES)

NICKEL-CHROMIUM-BORON ALLOYS (COLMONOYS)

COPPER

BRONZE

NICKEL-ALUMINUM BRONZE

BRASS

SILVER BRAZING MATERIAL

NOTE THAT THIS LIST IS NOT INTENDED AS A COMPLETE TABULATION OF ALL
GENERIC MATERIALS; OTHER MATERIALS ENCOUNTERED IN WORK WHICH ARE NOT LISTED
HERE ALSO REQUIRE THE GENERIC IDENTITY CHECK.

4. MATERIAL NOT MEETING THE ACCEPTANCE CRITERIA IN THE APPROVED ALLOY
IDENTITY TESTING PROCEDURE SHALL BE REJECTED.

E. RESUBMITTAL OF SELLER AND SUB-TIER SUPPLIER PROCEDURES

1. THE SELLER OR SUB-TIER SUPPLIER MAY BE REQUIRED TO RESUBMIT PROCEDURES DUE
TO DISAPPROVAL, CHANGES IN APPLICATION OF ACCEPTANCE CRITERIA, OR PERIODIC
MODIFICATIONS TO PERFORMANCE AND ACCEPTANCE SPECIFICATIONS. RESUBMITTALS SHALL
BE TIMELY AND IN ALL CASES BUYER'S APPROVAL OF THE RESUBMITTED PROCEDURE IS
REQUIRED PRIOR TO USE. IN SUCH INSTANCES, THE SELLER SHOULD AGAIN UTILIZE A
VPAR TO EXPLAIN WHY THE PROCEDURE IS BEING RESUBMITTED, LETTER NUMBER AND DATE
OF PREVIOUS SUBMITTAL AND IDENTIFICATION OF HOW THE PROCEDURE HAS BEEN
MODIFIED, IF AT ALL. THIS INFORMATION WILL ASSIST IN THE EVALUATION OF THE
PROCEDURE AND EXPEDITE APPROVAL.

2. RADIOGRAPHIC PROCEDURES REVISED TO DENOTE WHEN X-RAY MACHINE TUBES ARE
CHANGED AND THE NEW FOCAL SPOT IS EQUAL TO OR LESS THAN THE ORIGINAL OR FOR
NEW ISOTOPE SOURCES WHERE THE PHYSICAL SIZE IS EQUAL TO OR LESS THAN THAT OF
THE LARGEST SOURCE (OF SAME TYPE) ORIGINALLY QUALIFIED DO NOT REQUIRE
RESUBMITTAL FOR APPROVAL.

F. PROCEDURES PREVIOUSLY APPROVED BY ELECTRIC BOAT OR NEWPORT NEWS
SHIPBUILDING.

1. FOR SELLERS THAT RECEIVE MULTIPLE OR REPETITIVE ORDERS THAT APPLY TO SIMILAR ITEMS, IT IS NOT ALWAYS NECESSARY TO SUBMIT VPAR'S FOR EVERY APPLICATION. PREVIOUSLY APPROVED PROCEDURES MAY BE USED PROVIDED THE FOLLOWING CONDITIONS ARE SATISFIED:

* THE PROCEDURE, INCLUDING REVISION, AND ANY ASSOCIATED ATTACHMENTS/ADDENDA/SUPPLEMENTS, IS THE SAME AS PREVIOUSLY APPROVED BY THE BUYER. NEW OR REVISED PROCEDURES REQUIRE SUBMITTAL TO THE BUYER FOR APPROVAL.

* THE PROCEDURE COVERS THE SAME TYPE OF PROCESS, PROCESS SPECIFICATION REVISION, MATERIAL SPECIFICATION REVISION, APPLICATION AND ACCEPTANCE CRITERIA. IN ADDITION, THE CONFIGURATION MUST BE THE SAME, I.E., THE PROPOSED NDT METHOD CAN TECHNICALLY BE APPLIED WITH QUALITY RESULTS AS DETERMINED BY THE PERFORMING ACTIVITY'S COGNIZANT LEVEL III TEST EXAMINER WITH RESPECT TO SIZE AND SHAPE.

2. WHERE THE SELLER ELECTS TO USE "PROCEDURES PREVIOUSLY APPROVED", ALL THE REQUIREMENTS SET FORTH ABOVE SHALL BE FOLLOWED, EXCEPT THAT A COPY OF THE BUYER'S PREVIOUSLY APPROVED ELECTRIC BOAT VPAR OR EQUIVALENT NORTHROP GRUMMAN NEWPORT NEWS VPAR AND APPLICABLE NEWPORT NEWS SHIPBUILDING APPROVAL LETTER MEETING ALL THESE CONDITIONS SHALL BE FURNISHED WITH THE SHIPMENT.

G. TEST REPORTS FOR PERFORMANCE OF NDT

1. WHEN SPECIFIED, REPORTS SHOWING THE RESULTS OF EACH TEST PERFORMED WITHIN THE SPECIFIED NONDESTRUCTIVE TEST METHOD ARE REQUIRED. GUIDELINES FOR PROPER TEST REPORT REQUIREMENTS ARE AS DETAILED IN APPLICABLE SPECIFICATIONS. WHERE GUIDANCE IS NOT PROVIDED, THE SELLER SHALL RECORD THE BELOW LISTED INFORMATION, AS A MINIMUM:

- A. THE NDT METHOD(S) USED.
- B. DESCRIPTION OR UNIQUE IDENTIFICATION OF THE ITEM INSPECTED.
- C. PROCEDURE IDENTIFICATION.
- D. THE PERFORMING ACTIVITY, WHETHER IT BE A PRIME/SUBTIER SUPPLIER OR A TEST LAB.
- E. QUANTITY INSPECTED.
- F. ACCEPTANCE STANDARD USED.
- G. QUANTITY ACCEPTED/REJECTED.
- H. DATE OF INITIAL INSPECTION AND INSPECTOR IDENTIFICATION.

2. IN ADDITION, THE SELLER SHALL ATTACH A COPY OF THE BUYER'S VPAR THAT APPROVED THE PROCEDURE TO THE TEXT REPORT.

3. TEST REPORTS AND/OR OTHER VERIFICATION OF CONFORMANCE DOCUMENTS SHALL BE SIGNED AND DATED BY THE SELLER'S AUTHORIZED REPRESENTATIVE.

4. EVIDENCE OF ALL TESTS AND INSPECTIONS PERFORMED, AS REQUIRED BY THIS PURCHASE ORDER OR SPECIFICATION, MUST BE MAINTAINED BY THE SELLER. HOWEVER, RECORDS REQUIRED TO BE SUBMITTED BY THIS PURCHASE ORDER OR SPECIFICATION SHALL BE FORWARDED WITH EACH SHIPMENT.

* TEST REPORTS SHALL BE ATTACHED TO THE PACKING LIST. WHERE MORE THAN ONE CONTAINER OR PACKAGE IS INCLUDED IN THE SHIPMENT, THE TEST REPORTS SHALL BE ATTACHED SECURELY TO OR PLACED IN ONE CONTAINER OR PACKAGE AND CLEARLY IDENTIFIED ON THE OUTSIDE.

FOR PURCHASE ORDERS THAT ORIGINATE FROM NORTHROP GRUMMAN NEWPORT NEWS SHIPBUILDING, 4101 WASHINGTON AVE, NEWPORT NEWS, VA. 23607, YOU ARE REQUESTED TO FORWARD ALL UNAPPROVED SOFTWARE DELIVERABLES IDENTIFIED HEREIN AS FOLLOWS:

PURCHASE ORDERS WHOSE LINE ITEM "MATERIAL GROUP" IS IDENTIFIED AS CM-I, CM-III, CM(-), CM-A OR CM-FAC:

DEPARTMENT E89, BLDG 600/1
ATTN: SOFTWARE COORDINATOR

PURCHASE ORDERS WHOSE LINE ITEM "MATERIAL GROUP" IS IDENTIFIED OTHER THAN CITED ABOVE:

DEPARTMENT E45(VCS), BLDG 600/2
ATTN" SOFTWARE COORDINATOR

SOFTWARE DELIVERABLES PREVIOUSLY APPROVED SHALL BE PROVIDED AS PART OF THE HARDWARE DELIVERABLES.