

## FIRST ARTICLE INSPECTION

FIRST ARTICLE INSPECTION IN ACCORDANCE WITH THE APPLICABLE SPECIFICATION(S) AND/OR DRAWING REQUIREMENTS IS REQUIRED. ONE COPY OF THE BUYER APPROVAL OF THE FIRST ARTICLE INSPECTION REPORT, OR THE DOCUMENTATION SPECIFIED BY PARAGRAPHS 9, 10 AND 11 BELOW, AS APPLICABLE, SHALL BE PREPARED AND SUBMITTED BY THE SELLER IN THE CERTIFICATION PACKAGE.

FIRST ARTICLE INSPECTION MAY BE REQUIRED EITHER ON A PER-DESIGN / PER-PART NUMBER (PN) BASIS OR AS A GENERAL QUALIFICATION TO PRODUCE A MATERIAL OR TYPE OF COMPONENT. THE FIRST ARTICLE INSPECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE APPLICABLE PURCHASE ORDER, PART DATA, SPECIFICATION(S) AND DRAWING REQUIREMENTS. FOR ITEMS LISTED ON THE QUALIFIED PRODUCTS LIST (QPL), SEE PARAGRAPH 9. FOR COMPONENTS / PARTS INVOLVING HY/HSLA MATERIAL TO NAVSEA T9074-BD-GIB-010/0300 ("TP300") OR THE RELATED LEGACY MILITARY SPECIFICATIONS (MIL-S-16216, MIL-S-21952, MIL-S-24645, MIL-S-23008, MIL-S-23009, ETC.), SEE PARAGRAPH 10. FOR COMPONENTS / PARTS INVOLVING HSS/OSS MATERIAL TO MIL-S-22698, SEE PARAGRAPH 11. FOR ALL OTHER COMPONENTS / PARTS / MATERIAL TO WHICH THIS STANDARD CLAUSE IS APPLIED, SEE PARAGRAPHS 1 THROUGH 8.

1. UNLESS ALLOWED BY THE APPLICABLE PURCHASE ORDER, PART DATA, SPECIFICATION, OR DRAWING, OR OTHERWISE SPECIFICALLY AUTHORIZED BY THE BUYER VIA A VENDOR INFORMATION REQUEST (VIR), FIRST ARTICLE INSPECTION (OR EXTENSION OF FIRST ARTICLE INSPECTION; SEE PARAGRAPH 5 BELOW) SHALL BE COMPLETED PRIOR TO SERIAL MANUFACTURE OF THE PRODUCTION COMPONENTS / PARTS / MATERIAL.

2. IF A PLAN FOR CONDUCTING THE FIRST ARTICLE INSPECTION IS REQUIRED, THE PLAN SHALL BE SUBMITTED TO THE BUYER FOR APPROVAL VIA VENDOR PROCEDURE APPROVAL REQUEST (VPAR) PRIOR TO INITIATING THE INSPECTION. COPIES OF THE VPAR APPROVING THE FIRST ARTICLE INSPECTION PLAN NEED NOT BE SUBMITTED IN THE CERTIFICATION PACKAGE.

3. WHERE THE FIRST ARTICLE INSPECTION REPORT HAS NOT BEEN PREVIOUSLY APPROVED, THE REPORT SHALL BE SUBMITTED TO THE BUYER FOR APPROVAL VIA VPAR. THE BUYER WILL SEEK APPROVAL FROM THE DESIGN YARD, U.S. GOVERNMENT, OR OTHER AUTHORITY, AS NECESSARY. THE SUBMITTAL SHALL REFERENCE

THE EARLIER VPAR APPROVING THE FIRST ARTICLE INSPECTION PLAN, IF SUCH A PLAN IS REQUIRED. THE REPORT SHALL INCLUDE THE RESULTS AND COMPLETION OF INSPECTIONS PERFORMED FOR OR BY THE SELLER TO DEMONSTRATE THAT THE COMPONENT, PART, OR MATERIAL, AS APPLICABLE, CONFORMS TO THE FIRST ARTICLE INSPECTION REQUIREMENTS INVOKED IN THE PURCHASE ORDER, PART DATA, SPECIFICATION, AND/OR DRAWING. THE REPORT MUST DETAIL THE SPECIFIC INSPECTION PROCEDURE(S), THE RESULTS OBTAINED, AND ANY EXCEPTIONS OR DEVIATIONS NOTED DURING THE TESTS. INSPECTION RESULTS SHALL BE QUANTITATIVE DATA IN THE FORM OF INSTRUMENT OR METER DATA, RECORDINGS, AND WRITTEN OBSERVATIONS.

4. THE FIRST ARTICLE APPROVAL AUTHORITY RESERVES THE RIGHT TO WAIVE FIRST ARTICLE INSPECTION WHERE THE SELLER CAN PROVIDE TECHNICAL JUSTIFICATION THAT A SIMILAR COMPONENT, PART, OR MATERIAL, AS APPLICABLE, HAS BEEN PREVIOUSLY PRODUCED AND SUCCESSFULLY SHOWN TO MEET PERFORMANCE / PROPERTY REQUIREMENTS. WHERE THE SELLER SEEKS EXTENSION OF PRIOR INSPECTION RESULTS TO SATISFY THE FIRST ARTICLE INSPECTION REQUIREMENTS OF THE COMPONENT / PART / MATERIAL TO WHICH THIS STANDARD CLAUSE IS APPLIED, A VPAR SHALL BE SUBMITTED TO THE BUYER REQUESTING THIS EXTENSION ALONG WITH ALL NECESSARY SUPPORTING TECHNICAL JUSTIFICATION TO SUPPORT THE REQUEST. THE BUYER WILL SEEK APPROVAL FROM THE DESIGN YARD, U.S. GOVERNMENT, OR OTHER AUTHORITY, AS NECESSARY. APPROVAL OF THE EXTENSION IS EQUIVALENT TO APPROVAL OF A FIRST ARTICLE INSPECTION REPORT. DOCUMENTATION FOR FUTURE PURCHASE ORDERS SHALL BE AS SPECIFIED IN PARAGRAPH 5 BELOW.

5. IF FIRST ARTICLE INSPECTION HAS BEEN PREVIOUSLY PERFORMED VIA A PREVIOUS PURCHASE ORDER AND THE REPORT APPROVED BY THE BUYER, FIRST ARTICLE INSPECTION NEED NOT BE RE-PERFORMED. IN THIS CASE, THE CERTIFICATION MUST REFERENCE THE PURCHASE ORDER NUMBER UNDER WHICH THE REPORT WAS SUBMITTED AND THE APPROVAL DOCUMENTATION SHALL BE INCLUDED IN THE CERTIFICATION PACKAGE. THIS INFORMATION MUST BE FORWARDED WITH COMPLETE OR PARTIAL SHIPMENTS OF MATERIAL UNDER THIS ORDER.

6. IN THE EVENT THAT FIRST ARTICLE INSPECTION HAS BEEN COMPLETED FOR AND APPROVED BY AGENCIES OTHER THAN THE BUYER, SUCH AS THE U.S. GOVERNMENT, THE SELLER SHALL FURNISH COPIES OF THE REPORT AND PRIOR APPROVALS TO THE BUYER FOR ENGINEERING REVIEW AND APPROVAL VIA VPAR PRIOR TO DELIVERY OF MATERIAL. THIS IS NOT APPLICABLE TO

HY/HSLA MATERIAL FIRST ARTICLE QUALIFICATIONS OR HSS/OSS MATERIAL AMERICAN BUREAU OF SHIPPING (ABS) QUALIFICATIONS (SEE PARAGRAPHS 10 AND 11).

7. ALL OTHER TESTS AND INSPECTIONS REQUIRED BY DRAWINGS AND/OR SPECIFICATIONS MUST BE COMPLETED AND COPIES OF THE RESULTS FORWARDED WITH THE MATERIAL AS SPECIFIED IN THE PURCHASE ORDER. MATERIAL WILL BE REJECTED IF THE CERTIFICATION AND/OR INSPECTION REPORT ARE NOT RECEIVED BY THE BUYER.

8. FOR PURCHASE ORDERS THAT ORIGINATE FROM NEWPORT NEWS SHIPBUILDING, REFER TO STANDARD CLAUSE 38-4 FOR SUBMITTAL OF ALL UNAPPROVED PURCHASE ORDER SOFTWARE DELIVERABLES.

9. IN CERTAIN INSTANCES, LISTING OF A PART / COMPONENT / MATERIAL ON THE QPL DEMONSTRATES SATISFACTORY ACCOMPLISHMENT / EXTENSION OF THE INVOKED FIRST ARTICLE INSPECTION REQUIREMENTS. IN THIS INSTANCE, IN LIEU OF FURNISHING A RECORD OF APPROVAL OF A FIRST ARTICLE INSPECTION REPORT, THE SELLER SHALL CERTIFY THAT THE PART / COMPONENT / MATERIAL HAS BEEN QPL APPROVED AND IS LISTED ON THE APPLICABLE QPL. THIS QPL CERTIFICATION STATEMENT SHALL BE PROVIDED IN THE CERTIFICATION PACKAGE.

10. WHEN THIS STANDARD CLAUSE IS APPLIED TO COMPONENTS OR PARTS INVOLVING HY/HSLA MATERIAL TO TP300 OR THE RELATED LEGACY MILITARY SPECIFICATIONS, THE NAVSEA LETTER APPROVING THE MANUFACTURER'S QUALIFICATION TO PRODUCE THE MATERIAL SHALL BE PROVIDED IN THE CERTIFICATION PACKAGE. THE MATERIAL SHALL BE WITHIN THE MANUFACTURER'S APPROVED QUALIFICATION LIMITS (I.E., GRADE (HY-80 VS. HY-100), FORM, THICKNESS, ETC.). PROTOTYPING OF COMPLEX HY FORGINGS IS NOT INCLUDED OR ADDRESSED BY THIS STANDARD CLAUSE, AND THIS PARAGRAPH DOES NOT SUPERSEDE THE FIRST ARTICLE INSPECTION REQUIREMENTS FOR OTHER MATERIALS, PARTS, SUBASSEMBLIES, OR THE TOP-LEVEL ASSEMBLY ITSELF, WHICH SHALL BE IN ACCORDANCE WITH THE PURCHASE ORDER, PART DATA, SPECIFICATION, OR DRAWING, AS APPLICABLE.

11. WHEN THIS STANDARD CLAUSE IS APPLIED TO COMPONENTS OR PARTS INVOLVING HSS/OSS MATERIAL PROCURED IN ACCORDANCE WITH MIL-S-22698, THE ABS LETTER APPROVING THE MANUFACTURER'S QUALIFICATION TO PRODUCE THE MATERIAL SHALL BE PROVIDED IN THE CERTIFICATION PACKAGE. THE MATERIAL SHALL BE WITHIN THE MANUFACTURER'S APPROVED QUALIFICATION LIMITS (I.E., GRADE, FORM, THICKNESS,

CONDITION, ETC.). THIS PARAGRAPH DOES NOT SUPERSEDE THE FIRST ARTICLE INSPECTION REQUIREMENTS FOR OTHER MATERIALS, PARTS, SUBASSEMBLIES, OR THE TOP-LEVEL ASSEMBLY ITSELF, WHICH SHALL BE IN ACCORDANCE WITH THE PURCHASE ORDER, PART DATA, SPECIFICATION, OR DRAWING, AS APPLICABLE.