

Coded Note Number: **N2940**

Revision: **C005**

Date: **December 19, 2012**

Title: **VIBRATION TESTING REQUIRED**

VIBRATION TESTS SUBMITTAL:

This item requires Vibration Test Reports, Post Vibration Test Inspection and Testing Reports performed in accordance with Military Standard MIL-STD-167-1 (Ships), Type 1, as Modified by our Appendix B. The supplier is required to notify the Newport News Shipbuilding (NNS) sourcing representative within their quote or no later than (1) month of placement of this purchase order if a request for quote is not generated, which of the following means will be used to vibration qualify this item:

- A. Testing
- B. Extension Request
- C. Submit evidence of previous vibration qualification approval for this item

A. If Vibration Testing Will Be Used To Qualify This Item:

1. (7) Hard copies or (1) electronic copy of the vibration test report and post vibration test inspection and functional testing report is required for each test performed. The vibration test report and post vibration test report shall include all required information specified in MIL-STD-167-1 (Ships) and our Appendix B. The purchase order number, item number and vendor's drawing number, if applicable, shall be indicated on the reports. Reports for approval must be received by the purchaser within (1) month after completion of the vibration test.
1. Clear photographs of the test setup and each instance of damage must accompany each vibration test report.
1. Certification of the vibration test report shall be by the facility performing the vibration test.
1. Certification of the post vibration test inspection and functional testing report by the government representative is required for tested components.
1. Unless a DCMA (formerly DCMC or DCAS) exemption code is listed on page (1) of this purchase order, Government Procurement Quality Assurance (GPQA) action is required prior to shipment from your plant. Upon receipt of this order and/or any subsequent modifications, please notify the government representative who normally services your plant at least two weeks in advance of the time and place of the test and the post shock test

inspection and functional testing for all weight classes. Promptly furnish a copy to the government representative who normally services your plant or, if none, to the nearest army, air force, or defense supply agency inspection offices so that appropriate planning for government inspection can be accomplished. In the event that the representative or office cannot be located, our purchasing department should be notified immediately.

Your shipping document or packing list shall be used to indicate performance of required GPQA action. The following statement of the government representative shall be entered on all copies

“Required PQA of listed items has been performed.  
\_\_\_\_\_ (Signature or DOD Stamp of Authorized  
Gov’t Rep.)  
\_\_\_\_\_ (Date)  
\_\_\_\_\_ (Typed Name of Office).”

In no event shall any DCMA or other government inspection, approval or acceptance be construed as inspection, approval or acceptance on behalf of purchaser or to any way preclude purchaser from rejecting any item(s) that are not in full compliance with all purchase order requirements, including, but not limited to, timely delivery; unless otherwise expressly provided in this purchase order, purchase acceptance shall be after receipt inspection by purchaser at purchaser’s Newport News, VA premises.

**B. If Vibration Approval Extension Will Be Used To Vibration Qualify This Item:**

A vibration extension package consisting of the following shall be submitted:

1. (7) Hard copies or (1) electronic copy of Navy Approval Letter and the vibration test report for the item used as the basis for the extension.
1. Drawings of the tested and untested items.
1. Differences in the two items must be clearly identified and analyzed to show the untested item has equal or better vibration resistance. Detailed engineering rationale and/or supporting calculations must be provided to demonstrate this.

If vibration extension is not approved and vibration testing will be required, the vendor is required to notify the NNS sourcing representative.

C. If The Item Has Been Previously Vibration Qualified:

The request for approval shall include:  
Current purchase order/item number(s),  
NN Material Number(s),  
This coded note number,  
The report number/revision.

In the event the scheduled date for submittal cannot be met, the supplier shall provide a complete list of all documents and revisions to be used in advance of submittal. Full compliance to this submittal requirement is expected.

PRIOR APPROVED REPORT(S):

If prior approval has been obtained from NNS but the report number and revision **is not listed** on this purchase order, re-submittal of the report is not required. A request for extension of the previous approval shall be submitted and shall include the information detailed above.

NO SUBMITTAL REQUIRED:

If prior approval has been obtained from NNS and the report and revision **is listed** on this purchase order, no additional submittal is required to satisfy this requirement. In this instance the supplier is authorized to perform work.

The above requirements do not relieve the seller of his responsibility to comply with the specification requirements of the purchase order.

Documents/extensions shall be submitted as follows:

SPARS (Shipbuilding Partners and Suppliers) enabled suppliers are required to submit through <https://spars.huntingtoningalls.com/ngcspars/Auth>

All other suppliers shall submit via:

e-mail to [pmo@hii-nns.com](mailto:pmo@hii-nns.com)

or

Newport News Shipbuilding

4101 Washington Ave.

Newport News, VA 23607

Attn: E45 Software Coordinator

Bldg. **902-2**

Click the following links for assistance in meeting the requirements of this coded note:

[Supplier Vibration Test Checklist](#)

[Supplier Vibration Extension Checklist](#)

