

Coded Note Number: **LI116**

Coded Note Revision: **C007**

Date: **October 1, 2014**

Title: Qualified Products List (QPL) Test Report Requirements

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.

Changes are from Revision C005 dated February 18, 2014.

Revision C006 was not issued.

**Bolded font** indicates changed/added content.

**[Text deleted]** inserted in the document indicates the removal of content.

IMPORTANT NOTE

The following Test Report shall be submitted and approved prior to shipment of material.

If the seller is unable to provide the required Test Report, the seller shall submit the following information to [NPMO@HII-NNS.com](mailto:NPMO@HII-NNS.com) and await further instructions from NNS: Manufacturer's Name, Product Name and Description, and Lot Number(s).

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\*\*\*\*\* NOTE \*\*\*\*\*  
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When EB Standard Clause 76-102 and this Coded Note are both specified in a Purchase Order, this Coded Note takes precedence.

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Quantity: one (1) copy

Certified Test Report, performed within four (4) years of the material shipment date, showing actual results of chemical analysis, which verifies that the items (products) on this order meet the following requirements:

- A. Contain no more than **750 ppm cumulative total halogens (chlorine plus fluorine plus bromine)**. Analysis only for free halides, such as by the chloride titration procedure, is not sufficient.
- B. Contain no more than **1000** ppm of total sulfur.
- C. Contain no more than 250 ppm of total lead.
- D. Contain no more than 10 ppm of total mercury.

Exceptions:

- A. The **halogens** limit does not apply to Teflon products (such as Teflon **tubing and** tape).
- B. In lieu of analysis for mercury, product manufacturers may certify that mercury and mercury compounds have not been added to the product and have not come in contact with the product during processing.

***[Text deleted]***

- C. For material with both a carrier and a residue (for example, PT Developer that is sprayed onto the surface), both the carrier and the residue shall be tested to the above requirements. The carrier and residue may be tested together. **If the carrier is air, nitrogen, argon or carbon dioxide, the carrier need not be tested.**

The seller shall accomplish the above analysis for each **manufacturer and each** lot of the specific product procured. **Products must be re-verified to meet the above detrimental limits if the manufacturer identifies that a change in the formulation has been made.** If no **manufacturer** lot identification is present, all items (products) of one type **received from the same manufacturer** in the same shipment may be considered a single lot.

The Test Report shall be in the form of reports issued by the organization performing the analysis or exact copies thereof. Data transcribed to another organization's forms are not acceptable. The Test Report must be readily identifiable to the NNS Purchase Order and Item Number. The Test Report must be certified correct with a signature and date by the seller's authorized representative.

Forward deliverables to:

Newport News Shipbuilding  
4101 Washington Ave.  
Newport News, VA 23607  
Attn: E45 Software Coordinator  
Bldg. 600-1

Or e-mail to: [NPMO@HII-NNS.com](mailto:NPMO@HII-NNS.com)