Coded Note Number: **M3030**
Revision Level: **C001**
Date: **June 27, 2017**
Title: **APPROVED MERCURY CONTAINING MATERIAL**

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.
Change from Revision A– Editorial change to reformat to current standard.
Bolded font indicates changed/added content.
[*Text deleted*] inserted in the document indicates the removal of content.

1. Supplies furnished under this contract will contain mercury or mercury compounds. Each item of such supplies shall be identified as follows:

   CAUTION - MERCURY

   Contains _____ (lbs., oz., grams, etc.) of
   (quantity)

   _____ in
   (mercury or mercury compound)

   _____
   (name/location of part(s))

   Identification shall be applied to the unit, intermediate packaging, and shipping container(s). In addition, labels are required by dot regulations and shall be applied to the shipping container(s). Identification is not required for individual repair or replacement parts when the size of such parts causes labeling to be impractical.

2. Supplies furnished under this contract shall be in compliance with the following unless otherwise approved by the purchaser:

   A. All mercury or mercury compounds shall be potted or otherwise sealed and secured to prevent contamination of the atmosphere or other material or equipment.

   B. Mercury-bearing devices must be contained within a double boundary of confinement, i.e., primary and secondary seals or barriers, the secondary to prevent contamination in event of rupture of the primary.

3. External surfaces of supplies furnished under this contract shall not be

contaminated by mercury or mercury compounds. The existence of external mercury contamination may be determined as follows:

A. Enclose the supplied item in an airtight container, such as a polyethylene bag (the air volume inside the container should be approximately twice the volume of the item); place in an oven at 125 deg. F plus / minus 5 deg. F (52 deg. C plus / minus 3 deg. C) for one hour; sample the trapped air. If the mercury vapor concentration is 0.01 mg/m3 or more, the material is considered to be contaminated insofar as the requirements of this contract are concerned. Mercury vapor concentration can be determined with a mercury vapor detector such as Beckman Instrument Model K-23, General Electric Catalog No. 825755G-3, Sunshine Catalog No. 38D, Thermotron Corporation Mercometer Model L006-1PR, or equivalent instrument. It should be noted that certain vapors such as benzene interfere with these types of mercury vapor detectors, and accordingly, the detectors should never be zero adjusted in any suspect atmosphere.

B. An alternate procedure consists of enclosing a portion of the item (but not less than 10 percent of the area suspected of being contaminated) in a close-fitting polyethylene bag or other airtight container for 8 hours at room temperature of 76 deg. F plus / minus 10 deg. F (24 deg. C plus / minus 5 deg. C). The enclosed environment is then analyzed for mercury using the method outlined above.

C. Some classes of mercury compounds are not volatile at 125 deg. F. If contamination by such a compound is suspected, special chemical analyses as prescribed by the purchaser shall be performed. Results indicating contamination above the maximum prescribed level shall be cause for rejection of the supplies.

4. Technical questions pertaining to the requirements of this clause shall be referred to the purchaser.