

Coded Note Number: **Y1030**

Revision: **C002**

Date: **August 29, 2018**

Title: **CUNI TUBE REQUIREMENTS**

1. The above tubing shall be in accordance with MIL-T-16420 K-(1) (SHIPS), "Tube, Copper-Nickel Alloy, Seamless and Welded (Copper Alloy Numbers 715 and 706), dated Sept. 16, 1988 and the following:

Para. 6.1 - Ordering Data:

- A. Specification as specified above.
- B. As listed in the item description. Note: PO will call out composition, temper, class and grade.
- C. For 70-30 CU-NI (Seamless), hydrostatic test required.

For 90-10 CU-NI (Seamless), hydrostatic test required.

For 90-10 CU-NI (Welded Tubing), as specified (para. 3.4.1).
- D. Not required.
- E. If specified in purchase order under 'Required NDT' & in accordance with (para. 3.4.3.1 thru 3.4.3.3)
- F. Not required.
- G. Not required.
- H. As listed per item.
- I. Not required.
- J. In accordance with (para. 3.8.5.1) unless otherwise specified in purchase order.
- K. Mark each tube in accordance with (para. 3.10).
- L. As required (para 4.1.1).
- M. As specified (para 4.4.3).
Note: For 70-30 CU-NI and 90-10 CU-NI, Ty-I (Seamless) Gr-2 add:

Classes not listed in para. 1.2 shall be hydrostatically tested to 150 percent of the class (maximum working pressure) listed in order.

N. As specified (para. 5.1) and as specified below.

O. Not required.

For 70-30 & 90-10 CU-NI Ty-I Gr-2 (Seamless):

Copies of your procedure for ultrasonic testing of the tube in accordance with the requirements of para. 4.4.9 of MIL-T-16420 K- (1) are required for approval action. If you have received prior approval from authorized representative of Bureau of Ships for this procedure covering the same basic specification, material and configuration, a copy of the approval document shall be included. The above will also apply to alternate methods. This paragraph applies to classes 700 and above only.

For 90-10 CU-NI Ty-II Gr-2 (Welded Tubing) 20-200 class RT:

Seamless tubes may be substituted in lieu of welded tubes. When Type I seamless tubes are furnished, all welding, NDT and NDT certificates are not required.

Revision History Table		
Rev	Description	Revision Date
A	Initial Issue	6/11/1999
C001	Clarification of Items E, J, K and last sentence below.	8/9/2016
C002	Removed NNS initiative of color code stripping of tube, yellow for 90:10 and green for 70:30	8/29/18

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