

Coded Note Number: IC145

Revision: A

Revision Date: February 22, 1998

Title: MODIFICATION TO MIL-C-15726 REV. E, AMD 2

Where MIL-C-15726 is invoked, it shall be MIL-C-15726E dated 20 August 1965; Amendment #2 dated 5 August 1970, modified as follows:

Only Grade 2 material shall be supplied. PG. 1, Paragraph 1.2, add: "GRADE:

1- Material supplied without heat identification

2- Material supplied with heat identification

PG. 2, Table I, delete and substitute:

TABLE I. CHEMICAL COMPOSITION

ELEMENT	90-10 CU-NI	70-30 CU-NI
PERCENT MAX (UNLESS SHOWN AS A RANGE OR MIN)		
COPPER (INCLUDING SILVER), MINIMUM	86.5	65.0
NICKEL (INCLUDING COBALT)	9.0-11.0	29.0-33.0
IRON	1.0-1.8	0.40-1.0
MANGANESE	1.0	1.0
ZINC	0.50	0.50
LEAD	0.02	0.02
PHOSPHORUS	0.02	0.02
SULFUR	0.02	0.02
CARBON	0.05	0.05
COPPER PLUS ELEMENTS WITH SPECIFIC LIMITS, MINIMUM	99.5	99.5

PG. 6, Para. 4.3, delete and substitute:

"4.3 LOT DEFINITION

4.3.1 ROD AND FLAT PRODUCTS- UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR ORDER (SEE 6.1),

A lot shall consist of 5000 pounds or fraction thereof of material of the same composition, form, temper, and size, submitted for delivery at the same time. In addition, Grade 2 material shall be from the same heat and shall be identified with respect to heat.

4.3.2 FORGINGS-

A. Forgings weighing 250 pounds or less- a lot shall consist of forgings having a total weight of 1000 pounds or less, of the same design, and from the same heat treatment batch. Grade 2 material shall be from the same heat and shall be identified with respect to heat.

B. Forgings weighing over 250 pounds- a lot shall consist of each individual forging. For Grade 2 material each forging shall be identified with respect to heat."

PG. 6, Para 4.5, delete and substitute:

#### "4.5 SAMPLING FOR CHEMICAL ANALYSIS

4.5.1 ROD AND FLAT PRODUCTS- Samples shall be taken from two different representative production pieces selected at random for each lot.

#### 4.5.2 FORGINGS

##### 4.5.2.1 FORGINGS LESS THAN 250 POUNDS IN AS

FORGED WEIGHT- Samples shall be taken from two different production forgings selected at random from each lot.

4.5.2.2 FORGINGS WEIGHING 250 POUNDS OR MORE  
IN AS FORGED WEIGHT- Each forging shall be sampled.

PG. 7, Paragraph 4.8.1, DELETE AND SUBSTITUTE:

"4.8.1 CHEMICAL ANALYSIS- from each sample (see 4.5), not less than 2 ounces of clean millings, drillings or chippings shall be obtained for chemical analysis. Either the wet chemical Method 111 or the spectrographic Method 112 of Fed-Std-151 may be used. In case of dispute, a wet chemical method shall be the basis for acceptance. When analyzing for phosphorus and sulfur content, each heat or each ingot shall be sampled. If any sample fails to meet the requirements of table I, this shall be cause for rejection of the lot represented by the sample."

PG. 10, PARAGRAPH 6.1(B), delete and substitute:

"6.1(B) The composition, form, temper and grade of the material required."

PG. 10, Para 6.1(P), DELETE.