

ENGINEERING PRACTICES STUDY

PROJECT NUMBER: 5985-2008-016

TITLE:

Review of Non-Government Standard (NGS) ASTM-B372 to Determine if it is still Valid as a Reference Document for Adoption by DoD.

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FINAL REPORT

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ATTCH 1

I. OBJECTIVE: The objective of this study was to review reference document sections of FSC 5985 documents for guidance on retaining non-government standard ASTM-B372 as viable and appropriate for citing in electronic component government standardization documents. ASTM-B372 is published by ASTM International and remains active within that organization. This effort is part of a belated 5-year review of the NGS adoption notice for current validity and accuracy, since this NGS document has already been DoD adopted.

II. BACKGROUND: ASTM-B372, "Copper and Copper-Alloy, Seamless, Rectangular Waveguide Tube", was adopted on 03 October 1994 and the adoption notice has not been revised since. The citing documents found are MIL-DTL-85J and MIL-DTL-23351B.

III. RESULTS: A review of potential DoD documents suspected as referencing ASTM-B372 discovered the two documents listed above actually cite ASTM-B372. Since these two documents involve rectangular waveguides, a reference to ASTM-B372 is essential. Addresses and format changes within the adoption notice are proposed for DAPS incorporation.

IV. CONCLUSIONS: Based on usage by DSCC, ASTM-B372 is a valued reference document for use in standardization documents.

V. RECOMMENDATIONS: ASTM-B372, "Copper and Copper-Alloy, Seamless, Rectangular Waveguide Tube", should continue to be cited by the above mentioned standardization documents. Therefore, the adoption notice for ASTM-B372 is retained as active, with recommended updates to adoption notice addresses and format being proposed to DAPS for incorporation.