



DEFENSE LOGISTICS AGENCY

LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

April 19, 2017

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Engineering Practice Study, Survey on lot control, paragraph 5.6.1.1.1.2 Class S.
Project number 5950-2017-041.

The initial draft of this subject document, dated 19 April 2017, is now available for viewing and downloading from the DLA Land and Maritime-VA Web site:

<http://www.landandmaritimeapps.dla.mil/Programs/MilSpec/initialdrafts.aspx>

This EP Study is an effort to determine traceability of a rework operation. Currently, paragraph 5.6.1.1.1.2 states that each element, such as cores, magnet wire, finished cases, wire lugs and terminals, potting or molding compound used in the manufacture of the part shall be from a single lot and traceable to the lot.

How would paragraph 5.6.1.1.1.2(a) apply to a situation where a rework is being performed, potentially weeks or months after the initial process, and the exact trace of material used, (cement, solder, epoxy) is no longer available as it was consumed?

During the build of a product from start to finish can take many months. Certain materials are used on many different parts, bonding materials are used on many different products like Solder. In many cases the amount used is very small on each part but its wide use may cause the original material used to be exhausted and any rework required cannot be performed because the original lot is no longer available. Because this occurs quite frequently, I believe this should be the same as solder, in that, this rework occurs only externally to the part just prior to the final inspection of the parts. Information would be recorded in job history for SN, trace of material etc.

Concurrence or comments are required at this Center no later than 30 days from the date of this letter. Late comments will be held for the next coordination of the document. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply. Lack of response will be construed as concurrence with or no interest in this draft.

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Michael A. Radecki
Chief
Electronics Component Team

ENGINEERING PRACTICE STUDY

TITLE: Survey on lot control, paragraph 5.6.1.1.1.2 Class S.

19 April 2017

PROJECT NUMBER
5950-2017-041

INITIAL REPORT

Study Conducted and
Prepared by:

Ken Beymer

- I. OBJECTIVES. The objective of this study is to determine the acceptance of converting MIL-STD-1580 to look and operate more like a specification with specification sheets.
- II. BACKGROUND. How would paragraph 5.6.1.1.1.2(a) apply to a situation where a rework is being performed, potentially weeks or months after the initial process, and the exact trace of material used, (cement, solder, epoxy) is no longer available as it was consumed?
- III. RESULTS. After comparing gathered information, comments, and reviews, I will announce the results of the study in a Final Report.
- IV. CONCLUSIONS. No conclusion has been determined yet. The conclusion of the study will be in the Final Report.
- V. RECOMMENDATIONS. Recommendations of the study will be in the Final Report. No recommendations at this time.