

ENGINEERING PRACTICE STUDY

PROJECT NUMBER: 5961-2016-109

TITLE:

MIL-STD-750-1, TEST METHOD 1019

PROPOSED REVISION TO ADD A TEST CONDITION
TO ADDRESS LOW DOSE RATE RADIATION TESTING

26 FEBRUARY 2018

FINAL REPORT

STUDY CONDUCTED BY

DLA LAND AND MARITIME
DOCUMENT STANDARDIZATION DIVISION (VA)
ACTIVE DEVICE BRANCH (VAC)

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I. OBJECTIVES: The objective of this Engineering Practice (EP) study was to obtain comments or concurrence from the military services, device manufacturers, laboratories, and the user community concerning a proposed revision to test method 1019 of MIL-STD-750-1 to add a new test condition for low dose rate radiation testing.

II. BACKGROUND: Test method 1019 of MIL-STD-750-1 currently does not cover low dose rate radiation testing. The new test condition to address low dose rate radiation testing was submitted by an OEM who requested that a new test condition be added to address low dose rate radiation exposure. A revision to test method 1019 with only the requested change was prepared with no other changes to content. Comments or concurrence were solicited from the entire FSC 5961 e-mail distribution list regarding the limited changes to the test method.

III. RESULTS: Essential and technical comments were received in response to the initial draft regarding not only the proposed new test condition, but to other paragraphs of test method 1019 that were not being proposed for changing by the revision.

IV. CONCLUSIONS: Based on the changes needed to be made to test method 1019 to address the comments, a second draft must be coordinated. The preparing activity also believes that the current requirements need further editing for clarity, consistency, and content organization issues. The preparing activity will establish a small group of experts, manufacturers, and users (test method study group) to develop second draft of test method 1019.

V. RECOMMENDATIONS: Convene a test method study group to revise the entire test method and coordinate an initial draft of the results.

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