



IPC-TM-650 TEST METHODS MANUAL

1.0 Scope

1.1 This method describes the procedure required to examine materials and/or finished product for workmanship, which is the general quality of the goods other than as specified by the applicable standard.

2.0 Applicable Documents

3.0 Test Specimens

3.1 Any piece of a lot is subject to examination. Generally, those specimens prepared for inspection and/or testing for specific properties may be used to determine workmanship.

4.0 Apparatus or Material

4.1 Referee optical device - 10X magnification.

5.0 Procedure

5.1 Evaluation

Number 2.1.8	
Subject Workmanship	
Date 12/94	Revision B
Originating Task Group MIL-P-13949 Test Methods Task Group (7-11b)	

5.1.1 At any stage of product handling, sample preparation, or specimen conditioning, the product shall be under scrutiny for detection of any defects, flaws, or unusual characteristics other than those specifically called out in the applicable specification, using unaided or corrected 20/20 vision.

5.1.2 In the case of a questionable evaluation with 20/20 vision, a referee inspection shall be made using the 10X magnification.

5.2 Record and Report

5.2.1 Each incidence of suspect flaw or defect shall be noted and documented. The authorized quality function shall determine whether the reliability, serviceability, or functionality of the product may be affected.

5.2.2 Record and report findings, including photographs of defect, if deemed necessary.

6.0 Notes None