

TMC SPECIFICATION

NO. S1416

REV:

COMPILED: R. UZZO

CHECKED:

APPD:

SHEET

OF

TITLE: Configuration Item Verification Review CIVR Validation Report

CONFIGURATION ITEM VERIFICATION
REVIEW (CIVR) VALIDATION REPORT

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I GENERAL INFORMATION

- a) CONTRACTOR - - - - - TECHNICAL MATERIEL CORPORATION
700 FENIMORE ROAD
MAMARONECK, NEW YORK 10543
- b) CONTRACT ORDER NUMBER - - DAAB07-81C-1702
ITEM NO. 0006AB FOR ITEM 0001
- c) NOMENCLATURE - - - - - CONTROL CIRCUIT BOARD ASSEMBLY
P/O PP-4127A/U
DRAWING NO. SM-D-610145
NSN 6130-00-403-7557

(EQUIPMENTS OF ESTABLISHED DESIGN)

II REFERENCE DATA:

- a) MIL-P-11268K (ARMY)
MIL STD-130
MIL STD-202
MIL STD-275
MIL STD-220
- b) LIST OF PROPOSED SOURCES OF STANDARD ITEMS
- c) STATEMENT OF COMPLIANCE
- d) GOVERNMENT FURNISHED DRAWINGS
- e) TMC SPECIFICATION S1394
- f) SMA 595922 REQUIREMENTS FOR CIRCUIT CARD ASSEMBLIES

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1. PURPOSE:

TO ASSURE THAT THE PARTS, MATERIALS AND PROCESSES USED IN SMD610145 ASSEMBLY ARE THOSE SPECIFIED ON THE GOVERNMENT FURNISHED DRAWINGS OR SPECIFICATIONS.

2. COMPLIANCE

ALL COMPONENTS USED IN THE MANUFACTURE OF SM-D-610145 CONTROL CIRCUIT BOARD ASSEMBLY MEET THE REQUIREMENTS STATED ON DRAWING SMD610145. FOR EACH COMPONENT USED A CERTIFICATE OF COMPLIANCE IS AVAILABLE ALONG WITH TMC'S PURCHASE ORDER ON ALL MATERIALS.

3. INCOMING MATERIAL CONTROL PROCEDURES

ALL MATERIAL IS COMPARED WITH THE RECEIVING REPORT. VERIFICATION OF VENDOR, QUANTITIES, PART NUMBERS AND ACCURACY OF CERTIFICATES OF COMPLIANCE IS REVIEWED.

BEFORE MATERIALS ARE ISSUED ON THE PRODUCTION FLOOR A SAMPLING TEST OF MATERIALS IS PERFORMED.

3. a. PRINTED WIRING BOARD SM-D-610147 WAS INSPECTED IN ACCORDANCE WITH GOVERNMENT SUPPLIED DRAWINGS (SM-D-610147) SHEETS 1, 2 AND 3) ALSO MIL-STD-252B PAGES 15, 16 AND 17.

ALL COMPONENTS THAT ARE USED IN THE ASSEMBLING OF THE CONTROL CIRCUIT BOARD HAVE BEEN INSPECTED IN ACCORDANCE WITH THE GOVERNMENT SUPPLIED DRAWINGS, UTILIZING THE INSPECTION METHOD REF. MIL-STD-105 AND IN CONJUNCTION WITH TMC'S INSPECTION METHOD QA3008.

4. ASSEMBLING PROCEDURE

ALL COMPONENT PARTS FOR THE CONTROL CIRCUIT BOARD ASSEMBLY HAVE BEEN ASSEMBLED IN ACCORDANCE WITH GOVERNMENT SUPPLIED DRAWING SMD610145. ALL COMPONENTS ARE HAND SOLDERED IN ACCORDANCE WITH MIL STD 454 REQUIREMENT 5, AND THE METHOD OF ASSEMBLY CONFORMS WITH "GENERAL REQUIREMENTS FOR CIRCUIT CARD ASSEMBLIES" SM-A-595922.

5. MARKING PROCESS

MARKING PROCESS CONFORMS TO MIL-M-13231A AND MIL STD 130, IN ACCORDANCE WITH GOVERNMENT SUPPLIED DRAWING SMD610146.

6. CONFORMAL COATING

PROTECTIVE COATING PROCESS CONFORMS TO SM-B-610007 AND TMC SPECIFICATION S1394.

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7. CONTRACTOR TESTING

CONTRACTOR TESTING WAS PERFORMED APRIL 8, 1983, FOR THE CONTROL CIRCUIT BOARD ASSEMBLY SMD610145.

TEST PROCEDURE SMB609934 WAS USED IN CONJUNCTION WITH SMB609935 TEST DATA SHEETS. TEST PROCEDURE SMB609934 ALONG WITH THE TEST DATA SHEETS SMB609935 WERE USED AS A GUIDE FOR TESTING.

NO DISCREPANCIES WERE FOUND IN PERFORMING THE REQUIRED TESTS. THE FOLLOWING ARE SPECIFIC REPLIES OR ANSWERS TO THE QUESTIONS ASKED IN THE TEST DATA SHEET. OUTLINED IN THE FOLLOWING PARAGRAPH IS THE SMB609935 PARAGRAPH NUMBERS WHERE AN ANSWER IS NECESSARY.

TEST DATA SHEET FOR CIRCUIT BOARD ASSEMBLY

<u>PARAGRAPH</u>	<u>MIN. VAR.</u>	<u>ACTUAL</u>	<u>MAX. VAR.</u>
3.2.1		<u>C</u>	
3.2.2		<u>C</u>	
3.2.3		<u>C</u>	
3.3.1		<u>C</u>	
3.3.2		<u>C</u>	
3.4.6	+8.095 VOLTS DC	+ <u>8.12</u> VDC	+8.155 VOLTS DC
3.5.6	+8.095 VOLTS DC	+ <u>8.11</u> VDC	+8.155 VOLTS DC
3.6.2	5.8 AMPS	<u>6</u> A	6.2 AMPS
3.6.3	5.8 AMPS	<u>6</u> A	6.2 AMPS
3.7.2	+8.095 VOLTS DC	+ <u>8.11</u> VDC	+8.155 VOLTS DC
3.8.3	+8.095 VOLTS DC	+ <u>8.11</u> VDC	+8.155 VOLTS DC

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CONFIGURATION ITEM VERIFICATION REVIEW (CIVR)

TOOK PLACE AT:

THE TECHNICAL MATERIEL CORPORATION
700 FENIMORE ROAD
MAMARONECK, NEW YORK 10543

DATE

2/9/83

WITNESSED BY:
TMC REPRESENTATIVE

Emilio M. Uzzo

WITNESSED BY:
GOVERNMENT REPRESENTATIVE
