DATE 11/30/54 SH. 1 OF 6	TMC SPECIFICATION NO.	S - 179
COMPILED BY	TESTING OF THE MODEL RSP. FOR PRODUCTION	JOB 170
APPROVED AJJ	Page Issue A B C	

COMPLETE INSTRUCTIONS FOR THE PRODUCTION TESTING OF THE MODEL RSP-5

DATE 11/30/54 SH. 2 OF 6 COMPILED BY	TMC SPECIFICATION NO.	S- 179
COMPILED BY	TITLE: TESTING OF MODEL RSP-3 FOR PRODUCTION	JOB 170
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DATE 11/30/514 SH. 3 OF 6 COMPILED BY	TMC SPECIFICATION	NO.	S -179
	TITLE: TESTING OF THE MODEL RSP-3 FOR PRODUCT	LON	JOB 170
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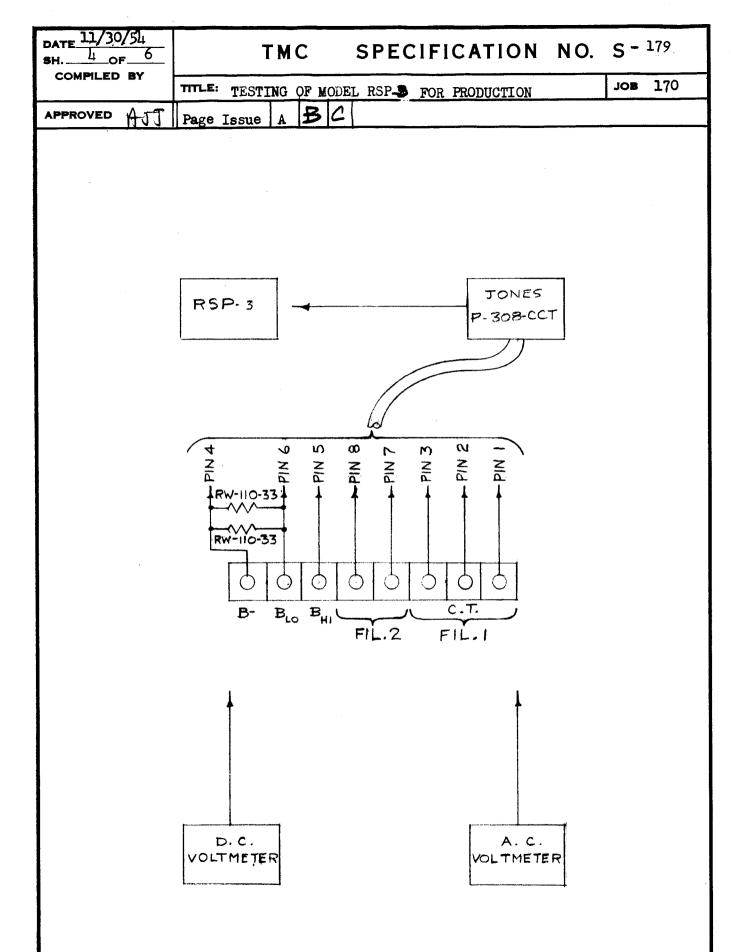
1. PURPOSE AND DESCRIPTION:

The RCR system consists of a number of different units and repetitions of these units, each performing a particular function. It is the purpose of the RSP-3 to act as a universal device which can, with only one exception, supply any of these units with plate and filament power.

- 2. TEST EQUIPMENT REQUIRED:
 - (a). D.C. and A.C. voltmeter: Hewlett-Packard 410 B or equivalent.
 - (b). Jones Plug: P308CCT
 - (c). Load: 2 10,000 ohm, 20 watt wire wound resistors.
 - (d). Terminal strip: Jones Type 8-164 or 8-164 Y.
- 3. GENERAL INSTRUMENT LAYOUT:

Refer to Fig. 1.

- 4. INITIAL RAPID CHECK:
 - (a). Set and maintain the line potential at 115 V. throughout the entire test.
 - (b). Be sure that proper fuses have been installed and that spares have also been included.
 - (c). Observe if the pilot light is on.



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	TITLE:	TESTING OF	THE MODEL RSP-3	FOR PRODUCTION	JOB 170
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5. TEST INSTRUCTIONS:

- (a). Proceed as outlined in Test Sequence and procedure (Part 6, to follow).
- (b). Fill in blanks on Report Sheet, rejecting those units which do not meet the specifications stated herein.
- (c). Sign Report Sheet and submit it to your supervisor.
- 6. TEST SEQUENCE AND PROCEDURE
 - (a). Test 1 -- B/Low check:

 Measure the D.C. potential between points B and B/Low.

 Accept values between 280 and 380.
 - (b). Test 2 -- B/High check:

 Measure the D.C. potential between points B -- B/High.

 Accept values between 280 and 330.
 - (c). Test 3 Fil. 1 check:

 Measure the A.C. potential of Fil. 1. Accept values
 between 6.4 and 6.8 V.
 - (d). Test 4 -- Fil. 2 check:

 As in (c) but for Fil. 2.
 - (e). Test 5 -- Service Connection

 Jumper pins 3 and 8 together and measure the voltage at pins

 1 and 7.5hall be between 12.8 and 13.6. Remove jumper.

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E:	TEST DATA S	SHEET for M	ODEL 3	RSP-3									
Para.	Mfg. No.			S	erial	No.		 					
4.a.	LINE VOLTAGE								_VAC	C(11	.5V)		
6.a.	1. B Low						 VDC(280-315V)						
6.b.	2. B High				,			 VDC(280-330V)					
6.c.	3. Filamer	nt #1			 			 VAC(6.4-6.8V)					
6.d.	4. Filamer	nt #2					_	 VAC(6.4-6.8V)					
6 .e.	5. Service	e Connectio	n	<u> </u>				 	_VAC	0(12	2.8 - 1	1 3. 6V)
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