REV NO.

P3K-AL-0348-A01

CONT ON SHEET 2 SH NO. 1

TITLE

CIRCUIT BOARD TEST SPECIFICATION
REMOTE OPERATION AUXILIARY RELAY 125V - - 118D1570

FIRST MADE FOR

REVISIONS

Refer to the drawing to see that:

1. All of the relay coils used 125 VDC.
2. The common of all relays is connected to one input terminal.
3. The case ground of all relays is connected to one input terminal.
4. The high side of each relay coil goes to a separate input terminal.
5. Each relay has one form C set of output contacts "wired out" --- all are independently connected to output terminals.
6. There are no interconnections on the card except the coil commons and case grounds of the relays.

The relay specifications are in the "U" sheets.

With the minus side of the appropriate power source connected to the E 125 terminal and the appropriate plus applied (app) and removed (rem) alternately to coil terminals, the relays pick up and drop out as shown in the chart. A one (1) indicates an energized relay. A zero (0) indicates a de-energized relay and is usually omitted from the chart - for clarity.

		K1	K2	K3	K4	K5	K6	K7	K8
1.	TB3-25 App	1							
	Rem								
2.	TB3-26 App		1						
	Rem								
3.	TB3-27 App			1					
	Rem								
4.	TB3-28 App				1				
	Rem								
5.	TB3-29 App					1			
	Rem								
6.	TB3-30 App						1		
	Rem								
7.	TB3-31 App							1	
	Rem								
8.	TB3-32 App								1
	Rem								

BY JC DATE 1/11/97

ET-273
273-2
273-3
273-4
273-5
PRINTS

MADE BY U. Rone Jan. 15, 1975

ISSUED

APPROVALS

DIV OR DEPT. Steam Turbine

LOCATION Schenectady, N.Y.

P3K-AL-0348-A01

CONT ON SHEET 2 SH NO.

770

CODE IDENT

PE-800-WA (11-72)
PRINTED IN U.S.A.

TEST INSTRUCTIONS 1PC2-ROOX

Assembly 118D1570

Schematic 117D9996

PROCEDURE:

1. Connect the circuit under test as described in the setup instructions.

2. Test the logic circuitry using Table A.

REVISIONS

SETUP INSTRUCTIONS - FMCC 1PC2-ROOX

1. The loads to be applied to the circuit under test are ±1% tolerance.
2. Unless otherwise specified, all voltage to be applied and to be measured (signified by an "X" on the logic test table) are +24.00VDC (tolerance ±100 MV)
3. This circuit card has 34 pins total with 34 pins in use. The terminal board configuration is 2 - 12 pt. and 1 - 10 pt.
4. Connect pins 33 and 34 to ground.
5. Va = 125VDC.

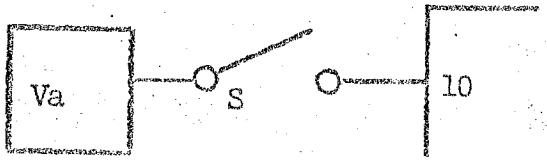
PRINTS

REVISIO

INSTRUCTIONS FOR USE OF LOGIC TABLE

A. s 10 Va = set 10 to Va.

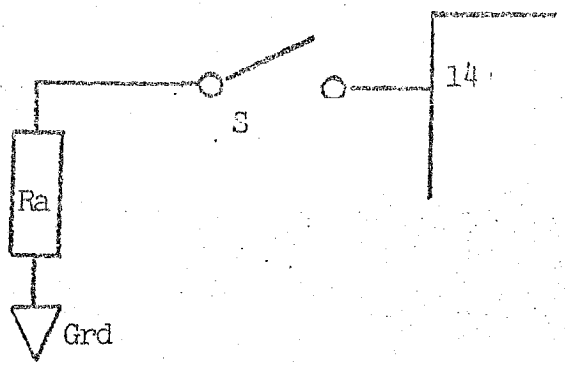
Close S to apply Va to Pin 10
If Va is not specified, assume +24.0 VDC.



B. r 10 Va = reset 10 to Va

open S

C. s 14 Ra = set 14 to Ra



Close S to apply load Ra to Pin 14.

D. An "X" in the logic table indicates a voltage measurement of +24.00VDC. A letter (ie "C") in the logic table indicates a voltage measurement, the voltage being equal to that specified by the subscript letter (ie "Vc"). A blank space indicates a 0 VDC measurement.

E. The voltage at all pins and all test points will be measured at each step of the logic table.

PRINTS

TITLE

CIRCUIT BOARD TEST SPECIFICATIONS
REMOTE OPERATION AUXILIARY RELAY 125V - 115D1570

FIRST MADE FOR

TABLE A

PROCEDURE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Initial Condition				R25 Va	R2			R26 Va	R5			R27 Va	R8			R28 Va
s 2	X	X		X												
s 25 Va		X	X	X		X		X								
s 5						X	X	X		X	X	X				
s 26 Va							X			X		X		X	X	X
s 8										X	X	X				
s 27 Va											X			X	X	X
s 11														X	X	X
s 28 Va															X	X

REV NO.

P3K-AL-0348-A01

CONT ON SHEET 7 SH NO. 6

TITLE

CIRCUIT BOARD TEST SPECIFICATIONS
REMOTE OPERATION AUXILIARY RELAY 125V

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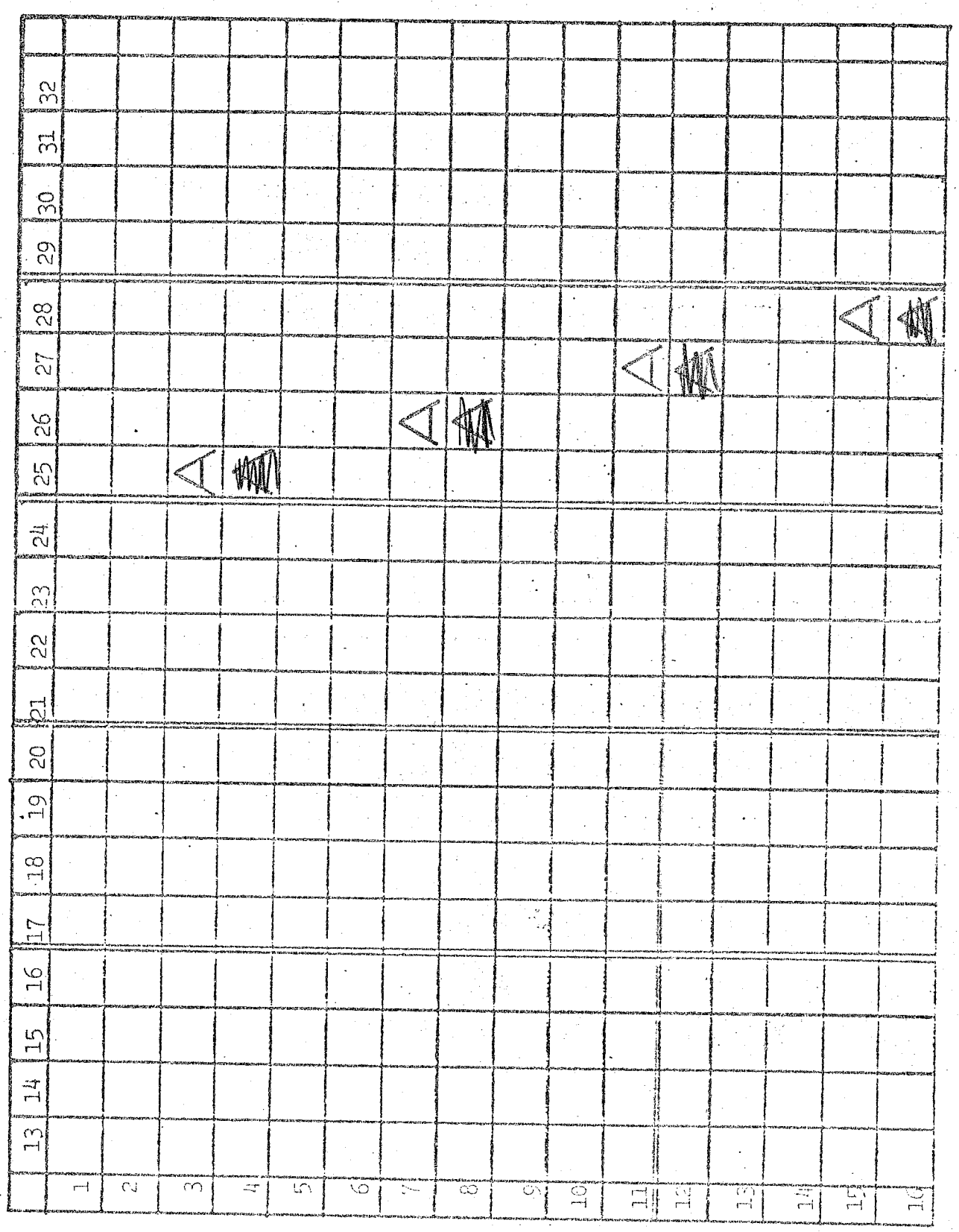
REVISIONS



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APPROVALS

Steam Turbine DIV OR DEPT.

Schenectady LOCATION

P3K-AL-0348-A01

CONT ON SHEET 7 SH NO.

FP 603 WA (9-74)
PRINTED IN U.S.A.

REV

P3K-AL-0348-A01

CONT ON SHEET 8 SH NO. 7

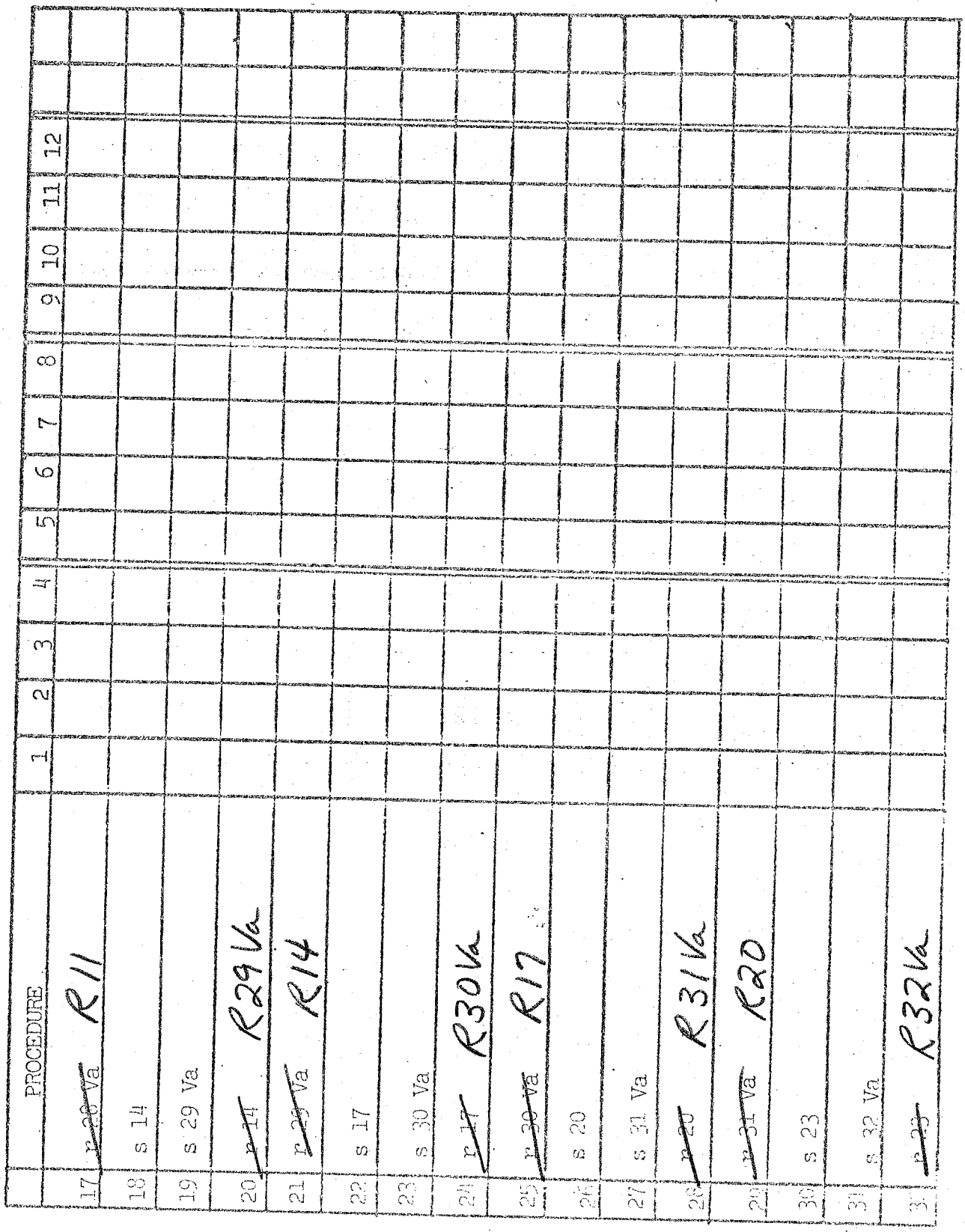
TITLE

CIRCUIT BOARD TEST SPECIFICATIONS
REMOTE OPERATION AUXILIARY RELAY 125V

FIRST MADE FOR

CONT ON SHEET 8 SH NO. 7

REVISI



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Schenectady LOCATION

P3K-AL-0348-A01

CONT ON SHEET 8 SH NO. 7

PRINTS T

PF-602-WA (5-74)
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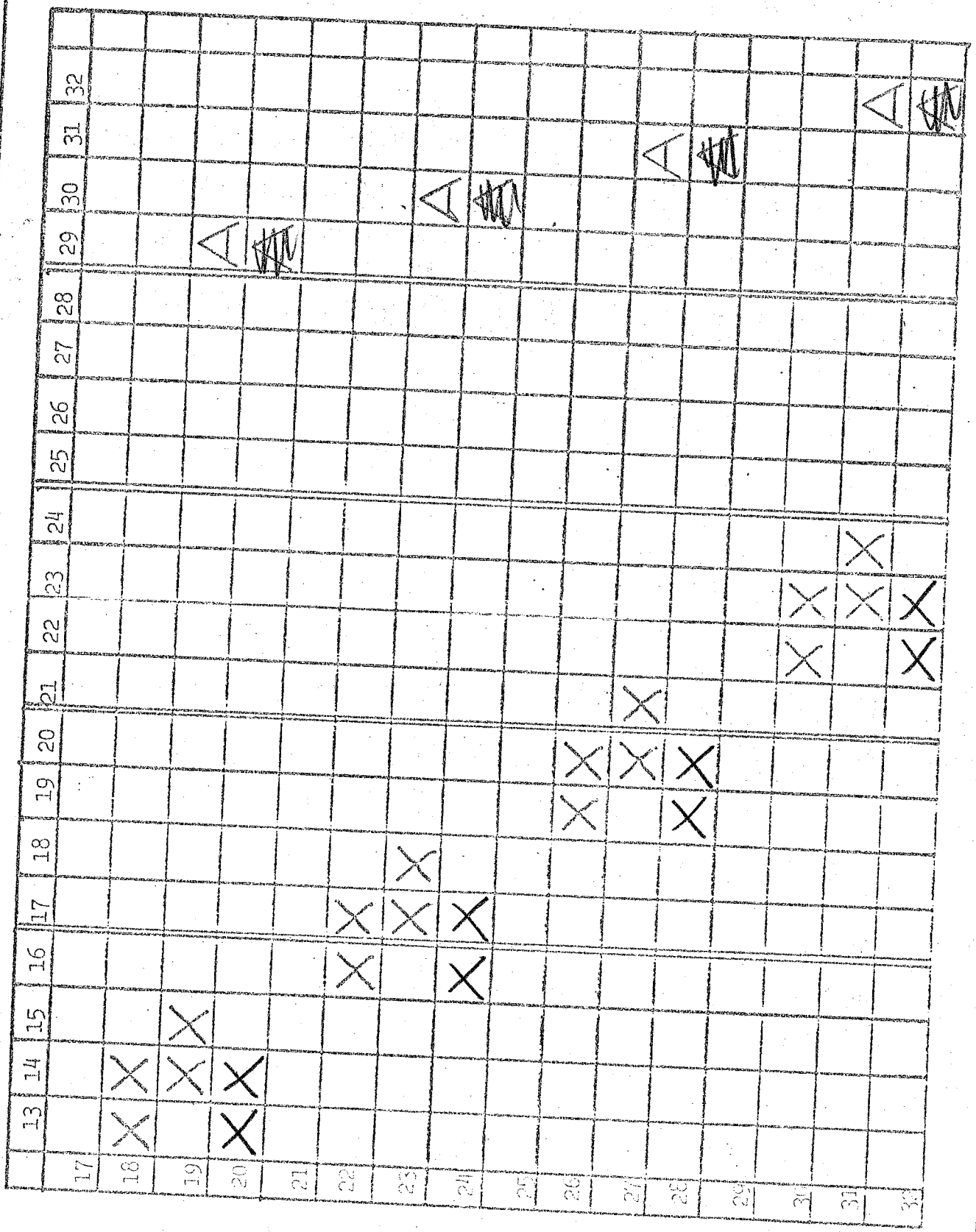
REV NO. 0

TITLE
CIRCUIT BOARD TEST SPECIFICATIONS
REMOTE OPERATION AUXILIARY RELAY 125V

FIRST MADE FOR

P3K-AL-0348-A01
CONT ON SHEET 9 SH NO. 8

REVISIONS



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APPROVALS
Steam Turbine DIV OR DEPT.
Schenectady LOCATION
P3K-AL-0348-A01
CONT ON SHEET 9 SH NO 9

PRINTS

PP-803-WA (9-74)
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REQ NO.

P3K-AL-0348-AO1

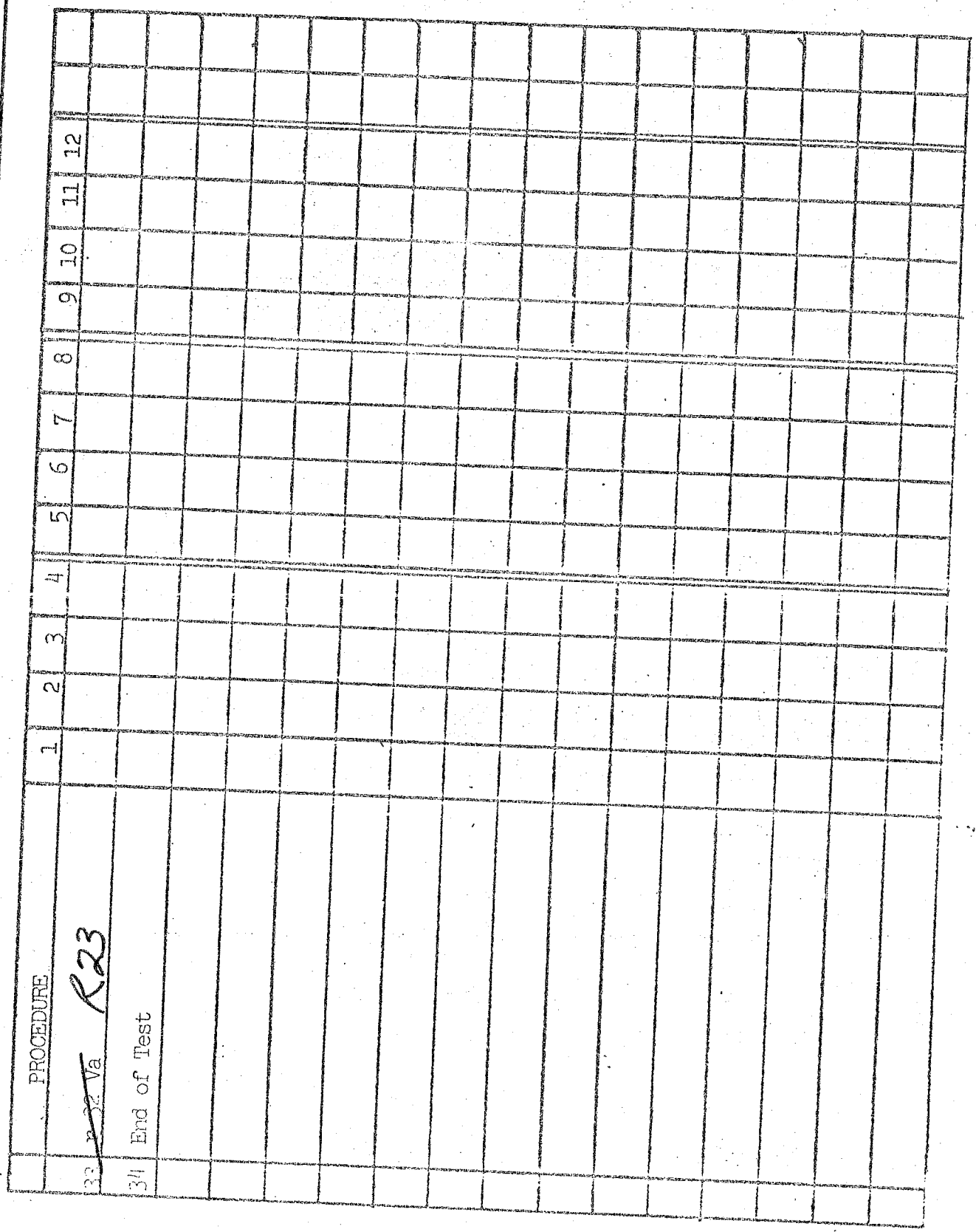
CONT ON SHEET 10 SH NO. 9

TITLE

CIRCUIT BOARD TEST SPECIFICATIONS
REMOTE OPERATION AUXILIARY RELAY 125V

FIRST MADE FOR

REVISIO



MADE BY
D. Mone Jan. 15, 1975

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JAN 15 1975

APPROVALS

Steam Turbine — DIV OR DEPT.
Schenectady — LOCATION

P3K-AL-0348-AO1

CONT ON SHEET 10 SH NO. 9

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REV NO.

P3K-AL-0348-A01
CONT ON SHEET -- SH NO. 10

TITLE

CIRCUIT BOARD TEST SPECIFICATION
REMOTE OPERATION AUXILIARY RELAY 125V - 115D1570
FIRST MADE FOR

REVISIONS

PREPARED BY George W. Kessler DATE 4/2/73

G.W. Kessler
EHC DESIGN ENGINEERING

APPROVED BY P C Callan DATE 1-13-75

P.C. Callan - MANAGER
EHC DESIGN ENGINEERING

TEST PROCEDURE
PREPARED BY Carl K Bugg JJ DATE Dec 5 1974

C. Bugg
EHC TEST ENGINEER

TEST PROCEDURE
APPROVED BY George W. Kessler DATE 1/6/75

G.W. Kessler
EHC DESIGN ENGINEERING

PRINTS TO