

REV. (1)

TITLE

P3K-AL-0345-A01

TEST INSTRUCTION FOR AUXILIARY SPEED REFERENCE A/L

CONT ON SHEET 2

SH NO. 1

FIRST MADE FOR EHC MARK II (AUXILIARY SPEED CONTROL UNIT)

I. SCOPE

This instruction outlines the test specification for circuit board 1XS3-B001

CIRCUIT BOARD 117D9937.

II. CIRCUIT DESCRIPTION

The purpose for the Auxiliary Speed Reference Analog to Logic (A/L) board is to control the reference signal used to TEST the BO/ST.

III. CIRCUIT SPECIFICATIONS

1. Apply +24V to pin 38 and common to pin 40, for all steps in the Logic Testing Table.
2. All functional tests shown in the Table can be made with the board coated or uncoated.
3. The symbols used in the A/L testing table are as follows:

1 = +24V applied to Power Input pins.

X = Continuity path under test.

AUXILIARY SPEED REFERENCE A/L TESTING TABLE

FUNCTION UNDER TEST	POWER INPUTS				CONTINUITY CHECKS		
	+24V to K1	+24V to K2	+24V to K3		Closes Pin 3 to 18	Closes Pin 2 to 16	Closes Pin 1 to 14
	17	15	13	← PINS			
BO/ST TEST	1				X		
BO/ST TEST		1				X	
BO/ST TEST			1				X

13
15
17

273-22

273-2

273-1

273-22

273-13

273-7

PRINTS

MADE BY

D. Mone Aug. 19, 1974

APPROVALS

Steam Turbine

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P3K-AL-0345-A01

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AUG 20 1974

Schenectady, N.Y.

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SH NO. 1

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P3K-AL-0345-A01			
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<p><u>TEST INSTRUCTIONS</u> 1XS3-B001</p> <p>Assembly 117D9937</p> <p>Schematic 117D9855</p> <p><u>PROCEDURE:</u></p> <p>A. Refer to P3K-AL-0494-A02 for test circuits, equipment list, and set up instructions.</p> <p>B. Table A provides the step by step procedure to follow in testing this circuit.</p> <p>C. Table B provides a step by step description of input voltages (to use as a troubleshooting aid).</p>	<div style="text-align: right; padding-right: 5px;"> REVISION 1 07/22/74 13 000 D. Mone </div>
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REV. NO. 1

TITLE

P3K-AL-0345-A01

TEST INSTRUCTION FOR AUXILIARY SPEED REFERENCE A/L

CONT ON SHEET

SH NO. 5

FIRST MADE FOR EHC MARK II (AUXILIARY SPEED CONTROL UNIT)

REVISIONS

PREPARED BY

E.S. Andrejko
EHC DESIGN ENGINEERING

DATE

APPROVED BY

P.C. Callan - MANAGER
EHC DESIGN ENGINEERING

DATE

TEST PROCEDURE
PREPARED BYC. Bugg
EHC TEST ENGINEER

DATE

TEST PROCEDURE APPROVED BY

E.S. Andrejko
EHC DESIGN ENGINEERING

DATE

PRINTS

MADE BY

D. Mone Aug. 19, 1974

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SH NO. 5