1. INTRODUCTORY DESCRIPTION

Α	This procedure	establishes th	e methods	for testing a
Α.	This procedure	establishes u	ie memous	for testing a

B. Environmental ranges:

3-17-03; 1:44PM;GE INDSYS

70 +/- 10 Deg. F. with 20-75% R.H.

:502 493 0640

LOU - GE-DS3845LT3A

C. Unit warm-up/stabilization period requirement:

D. Personnel using this procedure are expected to have a high degree of confidence and expertise in related testing and calibration procedures.

E. Procedures not explained here are considered to be understood as common practice.

2. TEST EQUIPMENT VERIFICATION

- A. Verify the accuracy of the standard(s) used in the repair/calibration process by evidence of recent calibration labeling affixed to the test equipment.
- B. All measurement standards used in this procedure shall be traceable to the NATIONAL INSTITUTE of STANDARDS and TECHNOLOGY (N.I.S.T.) and shall have the accuracy, stability, range and resolution required for the intended use.
- C. Unless otherwise specified, the collective uncertainty of the Measurement Standard(s) shall not exceed twenty five percent of the acceptable tolerance for each characteristic being calibrated.
- D. All deviations shall be documented.

3. EQUIPMENT CLEANING

A. All equipment clean will be performed as instructed in the GE T&IC SOP Sec. 14.0

4. EQUIPMENT INSPECTION

- A. The following criteria should be used as a guideline or basis for the inspection process of the this unit:
 - 1. Wires broken or cracked.
 - 2. Terminal strips / connectors broken or cracked.
 - 3. Loose wires.
 - 4. Components visually damaged.
 - 5. Capacitors leaking.
 - 6. Solder joint, cold or otherwise inadequate.
 - 7. Circuit board discolored or burned.
 - 8. Printed wire runs burned or damaged.

5. <u>REVISION HISTORY</u>

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		,
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Revision	Date	Initials	Reason for Revision
A			Initial Procedure – After Verification
В			
C			
D			
E			
F			
G			
H			
I			
J			
K			

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TTLE:	Lod Trok III-	PROCEDURE: LOU - 6E - D = 3845 LT3A
	V90 (70) \ earl	LOU - GE DAS BYO LIZA
5.	REFERENCE DOCUMENT	ATION
	• Reference: GEK GrEH 5	5200
	· Original test-derive	ed from DS305MLTAI (Lodtrok III) and model
	· Original test-derive	ed from DS305MLTAI (Lodtrok II) and model theet (made from label from inside of lexan co
	· Accompanying dato s	heet (node from label from inside of lexan co
,	· Accompanying dato si · Loc Trak III 3 mm	ed from DS305MLTAI (Lodtrok III) and model theet (mode from lobel from inside of lexun co ng binder
·	· Accompanying dato s	ed from DS305MLTAI (Lodtrok II) and model theet (mode from lobel from inside of lexun en ng binder
	· Accompanying dato si · Loc Trak III 3 mm	ng binder
•	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
.	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
•	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder
	 Original test-derive Accompanying data si Loc Trax III 3 mm THEORY OF OPERATION 	ng binder

- · Power Cord, 110 single Phose · 3 phose, Y ground, transformer board, HØ33951 · Fluke DVOM, Model 85, 87, or 87 mk III.

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9. FINAL TEST AND OPERATION PROCESS

J.	T TINZ	AL TEST AND OF ENATION PROCESS
Connections i	/ •	Hook up 8 resistors & jumpers to TBILTB2 occording to labeling on rear cover. Set to Value Stated on RTD Type? To be on steel booking plate of BS3810LCMI sub assembly (hinged part with 2 cords & Keypod). Pg. 46 of
¢.	Žuo, •	Values. Apply 115 V power to AWPR 28 WPR OF TB4. See
Plogramming :	3•	Enter new volves for functions 15 thrn 28 by Using the following procedure: Press the Function Key, then input the number of the location to
		be programmed. Next, press the Notrel Key, then the amount required. Save it by faces pressing the White dot next to the Power Okay (ED, and
		while holding that, press [STORE]. The values are as Follows: 14=001 (if If is left 999, it disables tops) 15=6 22=7
		16 = 2 17 = 130 18 = 130 25 = 99
		19=2.3 20=6 21=10 28=85
		ムチ ピメニー ムム **75切 - 基 - 4 だ 21-4-2 () ()

E 8	GE Industrial Systems	Test an	nd Operating Procedure
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	TITLE:	1 today	PROCEDURE:	
		LOU 1011 wanted	LOU- GE-D538452T3A	
	5 (con7).	A 6	replace relays as needed. Re	set
RTD's	1-6 For	Relays & Function		
	reclosed,	1	-8 one at atime to make sure	
	7.4 for the overland	, a 1 1 1 m a	trip unit when temp. is too high	<u> </u>
		JUST MKE Ste		loys
n	overteml/ est 0.	A STATE OF THE STA	ction has been set back to 88	<u>-</u>
bearing Led	hest 6.	When Pertorming		
1	setting	Logic Okay Led:	and I was look as I to the same of the sam	<u> </u>
10000	apolem)	with the same	o 51. Confirm that function of	<u> </u>
7		at OPI. Chan		- Land
		1 A .	eby click and Logic Okoy LED	- , .
	•	Over 5 18h . Kestore	and a second cons	,
		Beasing Overte	mp LED will come on 50/id.	
		Change fune. 1	get the said	<u>=</u>
		ا به مسعفر	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
		The state of the s	. 10 00 1 11 11	····
		1 47	y will click. At this time, push	7
			- button at rear of unit to reset	School-1
. •	· · · · · · · · · · · · · · · · · · ·	True relay.	7,75 3, 55 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	
vellow	j LEP,	This stew is simil	at to step 6. Change 17 to 50	,
Te	of 1	"Logic Okov "will f	Joshand Alasm selovaillelich	<u></u>
		Change 33 to 51	· Lease Prov will so solida	-
		"Over 1000 " LED	will come on solid, and Trio le	hu
		will elek. Che	mas 176/30 "Logie Okoy " (1)]
		Flosh . Change 3	370 51. "Logie Okoy" will go solo	, d
		· · · · · · · · · · · · · · · · · · ·		

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•	QUALIT	Y KEP:	
	TITLE:	Lod Trok III	PROCEDURE: LOU - GE-D53846 LT3A
	Heon	7). Rush Reset bu	Hon. "Overload will go out, and Alam.
	t Cur	color will elick.	· You must then push the mount
		reset buttons of	+ rear of unit to reset Trip relay,
More	tione.	8° Hook up test t	ixture H033951 transformer books
Cons	· · · · · · · · · · · · · · · · · · ·	to TB3. Con	meetions are lobelled on board and
	- NAME	should match ?	those on TB3 label on recreaver
		Small red loos	se wire should closest to ground
, A.		fault transfor	mer should not be connected yet
Readi		1. Plug 3 phase 250	ov power cord in lifthere is an E-stop
Value	· / 	avoilable for the	entlot, tuenston). Contion:
		There are three	e 10 w resistors without need to be
	•	Kept cool of	you do not have a small fangion the
		tixture, then tim	
:		Press (SCAN) 0	and observe functions 9-12. If fundi
		are to the state of the state o	6, then 9-11 should read In 12 should
		reed W. lry setti	
			honge tune. 26, Fune. 33 will trip
			changed back to Sl. Next Try
		12 de 11500 20 10	20. 7-11 should read to Fundio
Phase	Mar.	143hours 51 ay on.	10 regardless. Reset func. 20 Fob.
Nupal	ince 10	Achan a Hose I	(do this with 250V oft.) Power 250Vyp.
LED	(59)	Arter a star pe	eriod of time, the Alarm relay should
			bolonce LED should flish. Shortly
		Increar ter, 1750	Relay will click, and Phose Urbolome"
		60 mill go 50/10	d. Remove 250V power, restore Phose Push Resett, and Alarm Relay should
		CUNNEET TON KONC	rush IKESETI, and Alorm Kelay should
•		TVS 500 Buton	
		\sim	

	60			
		GE Industrial Systems		Test and Operating Procedure
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		A Barrow where		
į	TITLE:	Lod Trok Int.		PROCEDURE: LOU - GA-B53845673A
	10 (con')			set button at rear of unit tr
		reset trip reto	J. 6 (YO	may need to collaptume. 33 for reset to
	11. •	Repeat Step 1	Ow.	ith phases 223. Remember
		reset tune. 33	TO 5/	if "Logic Dray" LED flashes.
"Phane Revers	1" 12.			e 1. Apply 250 V power. Ph
LED TO	4	Keversol LtD S	houle	come angond both relays
CEDI	(# £	should elsek	· Re	move 250V power and pu
		Resett and Alar.	n rel	ay should reset. Push man
		reset button c	rt re	arof unit, and Tripielas
		should reset.	· Albertan	ect the phose connections
		Phose 1.		
	130		2 Fe	of Phases 283 . On Phase I for so
	14.	V		take loose red wire connec
Grown	c '			s former and connect it to pi
Full	-e¥	3 of 250V pour	er cou	rd connection. Power up 2501
LED TO			N 2	hould Kickin immediately.
Function	25			· · · · · · · · · · · · · · · · · · ·
eto t	he , !		1 .	hould come on solid, and bo
thresh	ald for	relays should		
からす	cop.	try setting for	anotio	on 25 to 10 and test o
Wate	k /	It should set	0 019	ound foult then. Remove
n Li	c	1 marie	- 4	ect red wire from Phase 3, o
NAGE	m/L	Land American Company of the Company		,1
40 be	e in	push (Keses) b	LATTOR.	. Also push reset button o
wine?	e 1W	Finished.	co (S	of Try reloy. You are
		T. VI. O NE CO		
	•			

	GE Industrial Systems	Test a	nd Operating Procedure
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,	LOCITOR School		LOU - GE-DS38456T3A

10. SPECIAL INFORMATION	of and they with TILBII3
1. If numerical LED Tes are old by	real replace all But them with TIL3113
2. "Key Okey" yellow LED should light	n Keypad may need to be replaced.
3. In La "no alves you the highest	reading of RTD's 1-8. Whichever is highes
that's the one "00" gives you	•
A loth are as any place 150 is still	flooking, and condition that caused;
to flock is restricted to has	and a for 1 FD goes solid, then
olain will enneal stall	out Before setting relays.
71361	
·	
TEST WRITTEN BY:	DATE: <u>6-12-02</u>
TEST VERIFIED BY:	DATE:
ESI VERREDDI.	DAIE:

"Overload" & Bearing Overtemp"

Alam volves are set by functions

17 & 18. RTD's 1-6 are

for Winding Temp, and when they
exceed volve set in function 18,
the "Overload" Led lights and
Alam & trip reloys set, as per test
Proceeding. RTD'S 748 are for
the Bearing Temp, and when they
exceed the volve set in function 17,
the Bearing Overtemp LED lights
and Hom & trip reloys set. If,
While led is flashing, RTD volve
is turned back down below
threshold valve, Alarm will be

Concelled before relay can set.

This relates to

Steps 5-7

of the current test proceedure.

Test needs to Be Leveloped for "Inst. Over-cur." LED.

If ofter doing a

Priptest, and unit

won't reset after

Condition is corrected, try

pushing reset and the

white dot (some one used for storing

volves) Simultaneously.

Then hit reset again

and push manual reset

on tryp is lay in Rear of unity