

	REGISTRO RECORD	REVISÃO REVISION 0
CODIGO CODE IAS-RG-0223	FICHA DE SERVIÇOS SERVICE SHEET	PÁGINA PAGE 1/4

Componente Component	O.S W.O	Modelo Model	PN	SN
Power Turbine Governor		AL-N1	2524999-6	

Identificação Identification	
Título Title	Ficha Para Registros de Teste do Governador da Turbina de Potência Power Turbine Governor Test Sheet

Publicação Publication	Referência Reference	TLN	Data Date
Component Maintenance Manual with Illustrated Parts List	73-20-04	TLN02404	June, 09/2022 Revision 12
Conjunto Maior Main Part			
		PN	SN

Teste do Governador da Turbina de Potência				
Power Turbine Governor Test				
Item	Procedimentos Tolerâncias	Resultado	Data	Executante
Item	Procedures Serviceable Limits	Result	Date	Performed By
1	Instale a PTG na bancada de teste. Refira-se ao item 2.C <i>Installation of PTG to Test Stand. Refer to item 2.C.</i>			
	Ajuste o curso do acelerador em 85 ± ½ grau com os batentes de máximo e mínimo em alturas iguais. Torqueie as porcas de 20-25 lb.in. <i>Set throttle travel at 85 ± 1/2 degrees with minimum and maximum stops at equal height. Torque nuts to 20-25 in-lb.</i>			
	NCC	Data de Validade Expiration Date		
2	Calibração e teste da PTG. Refira-se ao item 2.E <i>Calibration and test of PTG. Refer to item 2.E.</i>			
3	Procedimentos gerais após o teste. Refira-se ao item 2.F <i>General procedures after Testing. Refer to item 2.F</i>			
4	Isolação de falhas. Refira-se ao item 2.G <i>Fault isolation. Refer to item 2.G</i>			

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ESPECIFICAÇÕES DE CALIBRAÇÃO | CALIBRATION SPECIFICATION

TEST SPECIFICATION										SOUTH BEND, IN USA	
CAGE CODE NO:		06848		SERIAL NO:		FURNISHED UNDER CONTRACT NO.		TEST SPEC NO.		TS13574	
BENCH NO:				PARTS LIST:		MODEL:		TEST SPEC TYPE:		PRODUCTION	
OPERATOR NO:				TEST DATE:		REV DATE:		NA		LATEST REV: C	
DATE RELEASED:		*						PAGE NO:		1 OF 2	
TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pr - Pa in Hg	Pr - Pg in Hg			P1 - P2 in Hg	Pn psi	
						MIN	REC	MAX			

FINAL

NOTES:

- Set throttle travel to $85^\circ \pm 1/2^\circ$ with max. and min. stops equal. Throttle stop torque 20 25 lbs. in.
- All test points except 1.5 to be approached from a lower rpm
- Control rotation to be CCW as viewed from shaft end.
- Check the test results after lockwiring. Readjust and retest if necessary.
- All speed setting to be within ± 2 R.P.M.

Checked by: _____

TEST CONNECTIONS

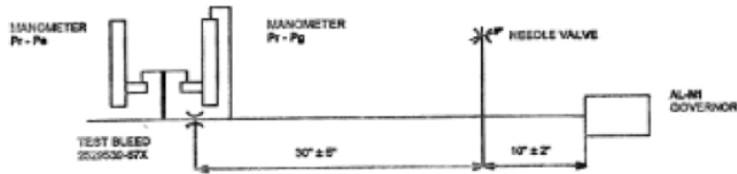


Figure 1

Inspected by: _____
Accepted by: _____

TEST SPECIFICATION											
SOUTH BEND, IN USA											
CAGE CODE NO:		06848				FURNISHED UNDER CONTRACT NO.					
BENCH NO:				SERIAL NO:				MODEL:			
OPERATOR NO:				PARTS LIST:				TEST SPEC TYPE:		PRODUCTION	
DATE RELEASED:		*		TEST DATE:				REV DATE:		NA	
										TEST SPEC NO. TS 13574	
										LATEST REV: C	
										PAGE NO: 2 OF 2	
TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pr – Pa in Hg	Pr – Pg in Hg			P1 – P2 in Hg	Pn psi	
						MIN	REC	MAX			
1.1	3900	-	85	-	34.3	-		0.6	-	-	
Close needle valve.											
1.2	3900	-	85	-	34.3	2.5		2.7	-	-	
Adjust needle valve.											
1.3	4300	-	75	-	34.3	6.8		7.8	-	-	
Adjust gov. spring – Governor eccentric torque											
1.4	4450	-	75	-	34.3	X		X	-	-	
Difference between T.P. 1.4 and T.P. 1.3											
1.5		-	75	-	34.3	X		X	-	-	
Hysteresis, 40 rpm max. from 1.3 Approach from 4450 rpm											
1.6	4300		45		34.3	21.0		X			
1.7	4300		40		34.3	X		X			
Record difference (in Hg.) between T.P. 1.7 and T.P. 1.6											
1.8	4050	-	65	-	34.3	4.5		7.5	-	-	

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ESPECIFICAÇÕES DE AUDIÇÃO | AUDIT SPECIFICATION

TEST SPECIFICATION										SOUTH BEND, IN USA	
CAGE CODE NO:		06848		FURNISHED UNDER CONTRACT NO.				TEST SPEC NO.		TS13575	
BENCH NO:				MODEL:				LATEST REV:		C	
OPERATOR NO:				TEST SPEC TYPE:		PRODUCTION		PAGE NO:		1 OF 2	
DATE RELEASED:		*		REV DATE:		NA					
TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pr - Pa in Hg	Pr - Pg in Hg			P1 - P2 in Hg	Pn psi	
						MIN	RECORD	MAX			

AUDIT SHEET

NOTES:

- Set quadrant to 85° at max. stop.
- All test points except 1.5 to be approached from a lower rpm.
- Control rotation to be CCW as viewed from shaft end.
- All speed setting to be within ±2 R.P.M.

TEST CONNECTIONS

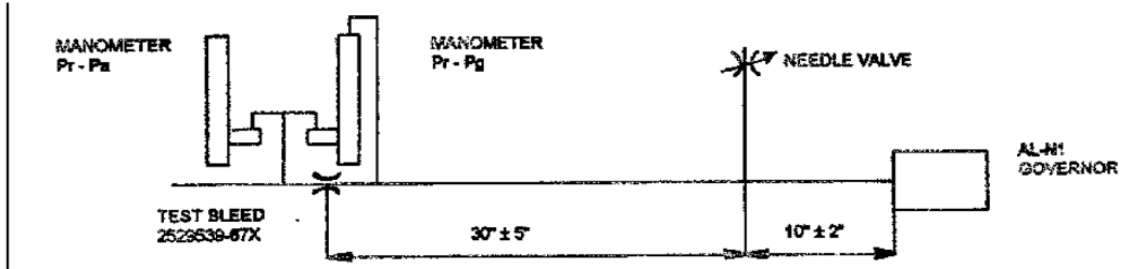


Figure 1

Checked by: _____

*APPLICABLE SIGNATURES AND DATES ON FILE

TEST SPECIFICATION										SOUTH BEND, IN USA	
CAGE CODE NO:		06848		FURNISHED UNDER CONTRACT NO.				TEST SPEC NO.		TS 13575	
BENCH NO:				MODEL:				LATEST REV:		B	
OPERATOR NO:				TEST SPEC TYPE:		PRODUCTION		PAGE NO:		2 OF 2	
DATE RELEASED:		*		REV DATE:		NA					
TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pr - Pa in Hg	Pr - Pg in Hg			P1 - P2 in Hg	Pn psi	
						MIN	REC	MAX			

1.1	3900	-	85	-	34.3	-		0.6	-	-
1.2	3900	-	85	-	34.3	2.5		2.7	-	-
1.3	4300	-	75	-	34.3	6.3		8.2	-	-
1.4	4450	-	75	-	34.3	X		X	-	-
1.5		-	75	-	34.3	X		X	-	-
1.6	4300	-	45	-	34.3	21.0		X	-	-
1.7	4300	-	40	-	34.3	X		X	-	-
1.8	4050	-	65	-	34.3	4.0		8.0	-	-

Close needle valve.

Adjust needle valve.

Record difference (in Hg.) between T.P. 1.4 and T.P. 1.3

Hysteresis, 40 rpm max. from 1.3 Approach from 4450 rpm

Record difference (in Hg.) between T.P. 1.7 and T.P. 1.6

