

IAS 	REGISTRO <i>RECORD</i>	REVISÃO <i>REVISION</i> 0
CODIGO CODE IAS-RG-0223	FICHA DE SERVIÇOS <i>Service Sheet</i>	PAGINA <i>PAGE</i> 1/2

NÚMERO NUMBER A00.04.08.0757	OS	MODELO <i>Model</i> ALTERNATING CURRENT GENERATOR	PN 976J898-2	SN
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IDENTIFICAÇÃO / IDENTIFICATION			
TÍTULO <i>TITLE</i>		FICHA DE REGISTRO DE TESTES <i>TEST RECORD SHEET</i>	
PUBLICAÇÃO PUBLICATION TECHNICAL MANUAL/OVERHAUL INSTRUCTIONS	REFERÊNCIA REFERENCE T.O 8A6-5-8-3	TLN 00069	DATA DATE REVISÃO 3 DE 15/06/2015
		PN	CONJUNTO MAIOR MAIN PART SN

Item <i>Item</i>	Procedimentos <i>Procedures</i>	Resultado <i>Result</i>	Condição <i>Condition</i>	Realizado por: <i>Performed by</i>
	Set the test speed on the test stand to 6400 rpm and apply		☐ OK ☐ NOK	
§7.6.3 b.(1)	Verify PMG voltage to be within 52-61 volts. Short circuit PMG as needed to achieve required voltage		☐ OK ☐ NOK	
§7.6.3 b.(2)	Use Demag procedures only after a maximum of 10 short circuit attempts fail to achieve required voltage reduction. Demag, starting at 10 volts and increase by 1 volt as needed		☐ OK ☐ NOK	
§7.6.3 c.(1)	DC power set points established at 1Volt/3Amps (6400 RPM). Apply DC voltage and trim to 115 line to neutral		☐ OK ☐ NOK	
§7.6.3 c.(2)	Verify consistent uninterrupted diode pattern on the monitor screen		☐ OK ☐ NOK	
§7.6.3 d.	Remove DC power, apply GCU. Set AC load to achieve 13.5 KVA at 0.75 PF (Start at 11KVA and trim by 0.5 to avoid tripping GCU) Run the generator for 5 minutes. Max field current shall not exceed 2.25 amps. RECORD		☐ OK ☐ NOK	
§7.6.3 e.	Increase load to achieve 19.5 KVA, 0.75 PF (Start at 13.5 KVA and slowly increase by 0.5 to avoid tripping GCU) Run generator for 1 minute. Max field current shall not exceed 2.90 amps. RECORD		☐ OK ☐ NOK	
§7.6.3 f.	Remove load, remove GCU. Run for 5 minutes to achieve cool down.		☐ OK ☐ NOK	

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§7.6.3 g.	Increase speed to 9600 rpm. Apply GCU. Verify uninterrupted wave form with no missing segments. Minimum field current will be 0.40 amps.		☐ OK ☐ NOK	
§7.6.3 h.	Generator speed remains 9600 rpm. Apply short circuit for about 3.4 seconds, to achieve a MINIMUM OF 125 AMPS generator output current and LESS THAN 10 VOLTS line to neutral voltage.		☐ OK ☐ NOK	
§7.6.3 i.	Reduce speed to 6400 rpm. Starting with apply GCU in step 4, repeat steps 4,5 and 6, After cool down, bring generator to 0 rpm, motor stop and remove. Perform dielectric test as below.		☐ OK ☐ NOK	
§7.6.4 a.	Perform a pin to case hi-pot test at 600 volts AC, pin B to case and 300 volts AC, pin F to case		☐ OK ☐ NOK	
§7.6.4 b.	Run test a minimum of 30 seconds. Max leakage will be 3 milliamps.		☐ OK ☐ NOK	

OBSERVAÇÕES / REMARKS

Aprovador por: <i>Approved by</i>	I	Data: <i>Date</i>
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RELAÇÃO DE RELATÓRIO / JOB REPORT							
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