

POWER SYSTEMS

EQUIPMENT TEST LIST

FOR

GAS TURBINE ALTERNATORS

SEE SECTION 010-300-011 FOR EQUIPMENT TEST LIST INSTRUCTION

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-201-701	1		Deleted			
155-201-301	1		Deleted			
155-202-701	2		GAS TURBINE ENGINE-ALTERNATOR			
			(KS-15992 SOLAR 750KW AUTOMATIC-MANUAL)			
		2.01	Lubrication			
			Check Lube Oil	MW	M#	
			# and prior to run and each 24H operation			
			Change Lube Oil	MW	500H	
			Speed Adjusting Motor	MW	50H	
			Alternator Bearings — Front and Rear	MW	#	
			# each 3200H operation			
		2.11	Replace Fuel Oil Filters—Set Serial No.	MW	500H	
			Below 425201			
		2.12	Replace Fuel Oil Filters—Set Serial No.	MW	500H	
			Above 425100			
		2.13	Fuel Oil Strainer			
			Clean by Rotating Handle	MW	8H	
			Remove & Clean	MW	#	
			# each 1000H operation			
		2.14	Lube Oil Filter Replaced	MW	500H	
		2.16	Inspect for Leaks & Excessive Noise	MW	12M	
			& Vibration			
		2.17	Test Overspeed Automatic Shutdown Device	MW	12M	
		2.18	Test Lube Oil Pressure Automatic	MW	12M	
			Shutdown Device			
		2.19	Test High Lube Oil Temperature	MW	12M+	
			Shutdown Device			
			# or each 500H engine operation			
		2.21	Voltage Regulation	MW	12M	
		2.23	Crank Cutoff Switch	MW	12M	
			Frequency Monitor Switch	MW	12M	
		2.24	Clean & Inspect Starter Motor & Brushes	MW	12M	
		2.27	Routine Run — 30 Minutes	MW	M	
			Routine Run — 1 Hour	MW	3M	
			Check Fuel Supply	MW	M	
		2.28	Clean & Inspect Control Equipment	MW	12M	
		2.29	Check Operation of Timers	MW	12M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-202-301	2		GAS TURB ENGINE-ALTERNATOR KS-15992			
		3.05	<i>Test All Alarms</i>	<i>MW</i>	<i>3M</i>	
155-205-701	1		GAS TURBINE ENGINE-ALTERNATOR (KS-19896 LISTS 1-4 SOLAR 200KW AUTO-MAN)			
		2.01	<i>Lubrication</i>			
			<i>Check Lube Oil Level</i>	<i>MW</i>	<i>M#</i>	
			<i># before each run and every 24H operation</i>			
			<i>Change Lube Oil</i>	<i>MW</i>	<i>500H</i>	
			<i>Alternator Bearings</i>	<i>MW</i>	<i>500H</i>	
			<i>Oil Cooler Fan Motor</i>	<i>MW</i>	<i>6M</i>	
			<i>Oil Cooler Fan Motor Bearings</i>	<i>MW</i>	<i>60M</i>	
		2.09	<i>Fuel Oil Filter</i>	<i>MW</i>	<i>500H</i>	
		2.10	<i>Lube Oil Filter</i>	<i>MW</i>	<i>500H</i>	
		2.12	<i>Inspect for Leaks, Excessive Noise, & Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.13	<i>Test Magnetic Pickup Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Test Lube Oil Pressure Switch</i>	<i>MW</i>	<i>12M</i>	
		2.15	<i>Test High Lube Oil Temperature Switch</i>	<i>MW</i>	<i>12M</i>	
		2.16	<i>Check Voltage Regulation</i>	<i>MW</i>	<i>12M</i>	
			<i>Clean Alternator</i>	<i>MW</i>	<i>12M</i>	
		2.18	<i>Clean & Inspect Starter Motor</i>	<i>MW</i>	<i>12M</i>	
		2.20	<i>Routine Run—30 Minutes</i>	<i>MW</i>	<i>M</i>	
			<i>Routine Run—1 Hour</i>	<i>MW</i>	<i>3M</i>	
			<i>Check Fuel Supply</i>	<i>MW</i>	<i>M</i>	
		2.21	<i>Clean & Inspect Control Equipment</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Operation of Timers</i>	<i>MW</i>	<i>12M</i>	
155-205-301	2		GAS TURB ENGINE-ALTERNATOR KS-19896			
		3.05	<i>Test All Alarms</i>	<i>MW</i>	<i>3M</i>	