

POWER SYSTEMS

EQUIPMENT TEST LIST

FOR

ALTERNATORS AND ENGINE-ALTERNATORS

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

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-105-701	6		ALTERNATORS, COMMERCIAL TYPE			
			KS5245, KS5296, KS5467, KS5518, KS5550			
		2.01	Lubrication			
			Check Oil Level (Oil Ring Bearings)	MW	M	
			Drain & Replace Oil (Oil Ring Bearings)	MW	24M	
			Bearings With Grease Fittings &	MW	12M	
			Drain Plugs - Clean & Relubricate			
			Bearings With Grease Fittings But	MW	3Y	
			No Drain Plug - Relubricate			
		2.02	Check Bearings & Rotating Parts	MW	12M	
		2.07	Check Noise & Vibration	MW	12M	
		2.08	Check Air Gap	MW	12M	
		2.11	Clean & Inspect Commutator	MW	12M	
			& Collector Rings			
		2.13	Check Commutation	MW	12M	
		2.14	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.20	Brush Holder Yoke	MW	12M	
		2.21	Check Temperature	MW	12M	
155-107-701	1		MOTOR ALTERNATOR KS15993			
			(AC-DC MOTOR DRIVEN ALTERNATOR)			
		2.01	Lubrication	MW	12M	
		2.05	Check Rotating Parts, Armatures & Bearings	MW	3M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.15	Check Temperature	MW	3M	
155-108-701	2		AC-DC MOTOR ALTERNATORS			
			KS5654 & KS5654-01			
		2.01	Lubrication	MW	12M	
		2.05	Check Rotating Parts, Armatures & Bearings	MW	3M	
		2.08	Clean & Inspect Commutator	MW	3M	
			& Collector Rings			
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.17	Clean & Inspect Centrifugal	MW	3M	
			Regulator Main Contacts			
		2.19	Clean Centrifugal Regulator Start Contacts	MW	3M	
		2.20	Check Temperature	MW	3M	
155-109-701	1		MOTOR ALTERNATOR KS-15994			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-109-701	1		(Cont)			
			(AC-DC MOTOR DRIVEN)			
		2.01	Lubrication	MW	12M	
		2.05	Check Rotating Parts, Armatures & Bearings	MW	12M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.15	Check Temperature	MW	3M	
155-110-701	3		MOTOR DRIVEN EMERGENCY ALTERNATOR KS5715			
		2.01	Lubrication			
			Bearings With Grease Fittings But	MW	3Y	
			No Drain Plug - Relubricate			
			Bearings With Grease Fittings &	MW	12M	
			Drain Plugs - Relubricate			
		2.03	Check All Rotating Parts	MW	12M	
		2.08	Clean & Inspect Commutator &	MW	12M	
			Collector Rings			
		2.10	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.16	Clean & Inspect Speed Regulator, Check Speed	MW	12M	
		2.17	Check Temperature	MW	12M	
155-112-701	4		MOTOR ALTERNATORS KS15520 & KS15626			
			(AC-DC MOTOR DRIVEN)			
		2.01	Lubrication			
			Bearings	MW	12M	
			Waldron Coupling	MW	12M	
			Falk Coupling	MW	24M	
		2.05	Check All Rotating Parts	MW	3M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.17	Check Temperature	MW	3M	
155-113-701	1		ALTERNATOR KS15823			
			(AC-DC MOTOR DRIVEN)			
		2.01	Lubrication	MW	12M	
		2.05	Check All Rotating Parts	MW	12M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.16	Check Temperature	MW	3M	
155-115-701	1		ALTERNATOR KS15844			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-115-701	1		(Cont)			
			(AC-DC MOTOR DRIVEN)			
		2.01	Lubrication	MW	12M	
		2.05	Check All Rotating Parts	MW	12M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.15	Check Temperature	MW	3M	
155-117-701	2		ALTERNATOR KS15949			
			(AC-DC MOTOR DRIVEN)			
		2.01	Lubrication	MW	12M	
		2.05	Check All Rotating Parts	MW	12M	
		2.08	Clean & Inspect Commutator	MW	3M	
		2.10	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.16	Check Temperature	MW	3M	
155-118-701	2		MOTOR ALTERNATOR KS15986			
		2.03	Inspect Speed Regulator & Check Speed	MW	12M	
		2.06	Check All Rotating Parts	MW	12M	
		2.09	Clean & Inspect Commutator & Rings	MW	12M	
		2.11	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.15	Check Temperature	MW	12M	
155-119-701	2		MOTOR ALTERNATOR KS15991 L1 AND L2			
		2.03	Inspect Speed Regulator & Check Speed	MW	12M	
		2.06	Check All Rotating Parts, Bearings, Vibration	MW	12M	
		2.09	Clean & Inspect Commutator & Collector Rings	MW	12M	
		2.11	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.14	Check Temperature	MW	12M	
155-124-701	1		ENGINE ALTERNATOR KS5565			
			(U.S. MOTORS PORTABLE 10KW)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M#	
			#and prior each run and 18H operation			
			Battery Charging Generator	MW	3M#	
			Governor Linkage & Distributor Bearing	MW	3M#	
			#or 25H operation			
			Air Cleaner	MW	=	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-124-701	1		(Cont)			
			#each 100H operation			
			<i>Replace Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	#	
			<i>Replace Oil Filter Cartridge</i>	<i>MW</i>	#	
			<i>Starting Motor Bearing</i>	<i>MW</i>	#	
			#each 150H operation			
			<i>Alternator Ball Bearing</i>	<i>MW</i>	#	
			<i>Magneto Breaker Felt</i>	<i>MW</i>	#	
			#each 450H operation			
		2.07	<i>Inspect for Water Leaks</i>	<i>MW</i>	12M	
		2.12	<i>Excessive Noise & Vibration</i>	<i>MW</i>	12M	
		2.13	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	12M	
		2.19	<i>Clean & Inspect Commutator & Collector Rings</i>	<i>MW</i>	12M	
		2.20	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	12M	
		2.27	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	W	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	12M	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	M	
155-126-701	1		ENGINE ALTERNATOR KS5565			
			(ONAN PORTABLE 10KW)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	M#	
			#and prior to each run			
			<i>Governor Linkage & Distributor Bearing</i>	<i>MW</i>	60H	
			<i>Magneto Breaker Felt</i>	<i>MW</i>	#	
			<i>Air Cleaner</i>	<i>MW</i>	#	
			<i>Oil Overspeed Trip</i>	<i>MW</i>	#	
			#each 75H operation			
			<i>Replace Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	#	
			<i>Replace Oil Filter Cartridge</i>	<i>MW</i>	#	
			<i>Grease Fan Hub</i>	<i>MW</i>	#	
			#each 150H operation			
			<i>Alternator Ball Bearings</i>	<i>MW</i>	#	
			#each 500H operation			
		2.08	<i>Inspect for Water Leaks</i>	<i>MW</i>	12M	
		2.11	<i>Test Automatic Shutdown Devices</i>	<i>MW</i>	12M	
		2.13	<i>Excessive Noise & Vibration</i>	<i>MW</i>	12M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-126-701	1		(Cont)			
		2.17	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.22	Clean & Inspect Commutator & Collector Rings	MW	12M	
		2.27	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-128-701	4		ENGINE ALTERNATOR KS5574 (G.M. SERIES 71 SETS—10, 30, 40, 60KW)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M#	
			#start of run and each 8H operation			
			Throttle Control Clevis Pin	MW	M#	
			Overspeed Trip	MW	M#	
			#or 25H operation			
			Overspeed Trip—Angle Drive	MW	3M#	
			#or 100H operation			
			Cooling Fan Bearings	MW	6M#	
			Alternator Bearing	MW	6M#	
			Starting Motor & Bendix Drive Bearings	MW	6M#	
			#or 150H operation			
			Replace Crankcase Oil (or Oil Analysis)	MW	12M#	
			#or 150H operation			
		2.07	Filters—Air & Oil			
			Air Cleaner	MW	6M#	
			#or 75H operation			
			Fuel Oil Filters—Primary & Secondary	MW	=	
			#500H operation			
			Replace Oil Filter Element (AC Type)	MW	12M#	
			#or 150H operation			
			Remove & Clean Oil Filter (Skinner Type)	MW	6M#	
			#75H operation			
			Lubricating Oil Strainer	MW	6M#	
			#or 75H operation			
			Injector Filters Cleaned or Replaced	MW	=	
			#when injector is serviced			
		2.08	Inspect for Leaks & Excessive Vibration	MW	12M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-128-701	4		(Cont)			
		2.09	Inlet Bowl and Brass Screen Cleaned	MW	6M=	
			#or 300H operation			
		2.10	Test Automatic Shutdown Devices	MW	12M	
		2.11	Fan Belt—Check Tension	MW	12M	
		2.16	Inspect Voltage & Control Panel	MW	12M	
		2.17	Clean & Inspect Brush Holders	MW	12M	
			& Brushes			
		2.21	Clean & Inspect Commutators & Rings	MW	12M	
		2.25	Routine Run—1 Hour	MW	W	
			Routine Run—7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M=	
			#and prior to each run			
155-128-702	3		ENGINE ALTERNATOR KS5574-01			
			(G.M. 20KW STATIONARY & PORTABLE)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			#and start of run and each 8H operation			
			Governor Linkage Joints & Overspeed Trip	MW	M=	
			#or 25H operation			
			Cooling Fan Bearings	MW	6M=	
			Alternator Bearings	MW	6M=	
			Starting Motor & Bendix Drive Bearings	MW	6M=	
			Replace Crankcase Oil (or Oil Analysis)	MW	12M=	
			#or 150H operation			
		2.07	Air Filters Cleaned	MW	M=	
			#or 75H operation			
		2.08	Replace Lubricating Oil Filter Element	MW	12M=	
			#or 150H operation			
		2.09	Fuel Oil Filters - Primary & Secondary	MW	500H	
			Fuel Suction Line Filter (If Provided)	MW	500H	
		2.10	Test Overspeed Trip	MW	12M	
		2.11	Test Fuel Oil Pressure Switch	MW	12M	
		2.12	Test Lubricating Oil Pressure Switch	MW	12M	
		2.13	Test Water Temperature Switch	MW	12M	
		2.14	Test Hot Wire Relay	MW	12M	
		2.15	Solenoid Switch—Contact Studs	MW	30M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-128-702	3		(Cont)			
			<i>Solenoid Switch—Inspect Insulators</i>	MW	5Y	
		2.17.1	<i>Clean Inlet Screen and Sediment</i>	MW	6M#	
			<i>Bowl of Lube Oil Level Regulator</i>			
			<i>#or 300H Operation</i>			
		2.18	<i>Check for Leaks & Excessive Vibration</i>	MW	12M	
		2.20	<i>Replace Pressure Cap or Gasket on Radiator</i>	MW	24M	
		2.21	<i>Fan Belt—Check Tension</i>	MW	12M	
		2.23	<i>Inspect Voltage Regulator & Control Panel</i>	MW	12M	
		2.24	<i>Inspect Brush Holders & Brushes</i>	MW	12M	
		2.29	<i>Clean & Inspect Commutator & Rings</i>	MW	12M	
		2.32	<i>Clean & Inspect Starting Motor</i>	MW	12M	
			<i>& Bendix Drive</i>			
		2.34	<i>Routine Run—2 Hours</i>	MW	W	
			<i>Routine Run—7 Hours</i>	MW	12M	
			<i>Check Water Level & Fuel Supply</i>	MW	M	
155-128-703	4		ENGINE ALTERNATOR KS5574-01			
			(G.M. 30, 40, 60KW STATIONARY & PORTABLE)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	MW	M#	
			<i>#and start of run and each 8H operation</i>			
			<i>Governor Linkage Joints - Overspeed Trip</i>	MW	M#	
			<i>#or 25H operation</i>			
			<i>Cooling Fan Bearings - Alternator Bearing</i>	MW	6M#	
			<i>Starting Motor & Bendix Drive Bearings</i>	MW	6M#	
			<i>Replace Crankcase Oil (or Oil Analysis)</i>	MW	12M#	
			<i>#or 150H operation</i>			
		2.06	<i>Air Filters Cleaned</i>	MW	6M#	
			<i>#or 75H operation</i>			
			<i>Replace Lubricating Oil Filter Element</i>	MW	12M#	
			<i>#or 150H operation</i>			
			<i>Fuel Oil Filters—Primary & Secondary</i>	MW	500H	
			<i>Fuel Suction Line Filter</i>			
		2.07	<i>Check for Leaks & Excessive Vibration</i>	MW	12M	
		2.08	<i>Test Automatic Shutdown Devices</i>	MW	12M	
		2.09	<i>Fan Belt—Check Tension</i>	MW	12M	
		2.13.1	<i>Clean Inlet Screen and Sediment</i>	MW	6M#	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-128-703	4		(Cont)			
			<i>Bowl of Lube Oil Level Regulator</i>			
			<i>#or 300H operation</i>			
		2.14	<i>Inspect Voltage Regulator & Control Panel</i>	MW	12M	
		2.15	<i>Clean & Inspect Brush Holders & Brushes</i>	MW	12M	
		2.19	<i>Clean & Inspect Starting Motor</i>	MW	12M	
			<i>& Bendix Drive</i>			
		2.20	<i>Clean & Inspect Commutator & Rings</i>	MW	12M	
		2.23	<i>Routine Run—2 Hours</i>	MW	W	
			<i>Routine Run—7 Hours</i>	MW	12M	
			<i>Check Water Level & Fuel Supply</i>	MW	12M	
155-132-701	1		ENGINE ALTERNATOR KS5602, LIST 01			
			(ONAN 4KW AUTOMATIC)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	MW	M=	
			<i>#and start of run and each 50H operation</i>			
			<i>Governor Throttle Linkage</i>	MW	6M=	
			<i>Distributor Shaft</i>	MW	6M=	
			<i>Fan Hub</i>	MW	6M=	
			<i>#or 50H operation</i>			
			<i>Replace Crankcase Oil (or Oil Analysis)</i>	MW	6M=	
			<i>#or 100H operation</i>			
			<i>Air Filter</i>	MW	12M=	
			<i>#or 100H operation</i>			
			<i>Alternator Bearings</i>	MW	12M=	
			<i>#or 1000H operation</i>			
		2.02	<i>Inspect Voltage Regulator & Control Panel</i>	MW	12M	
		2.07	<i>Inspect for Leaks & Excessive Vibration</i>	MW	12M	
		2.11	<i>Clean & Inspect Brush Holders & Brushes</i>	MW	12M	
		2.15	<i>Clean & Inspect Commutator & Rings</i>	MW	12M	
		2.30	<i>Routine Run—30 Minutes</i>	MW	W	
			<i>Routine Run—7 Hours</i>	MW	12M	
			<i>Check Water Level & Fuel Supply</i>	MW	M	
155-134-701	2		ENGINE ALTERNATOR KS5636, LIST 1, 12-VOLT			
			BATTERY (20KW SINGLE PHASE—AUTOMATIC)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	MW	M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-134-701	2		(Cont)			
			<i>Water Pump Bearing</i>	<i>MW</i>	<i>6M#</i>	
			<i>Charging Generator</i>	<i>MW</i>	<i>6M#</i>	
			<i>Governor Linkage</i>	<i>MW</i>	<i>6M#</i>	
			<i>Overspeed Trip</i>	<i>MW</i>	<i>6M#</i>	
			<i>Air Intake</i>	<i>MW</i>	<i>6M#</i>	
			<i>Governor Switch Horizontal Shaft</i>	<i>MW</i>	<i>6M#</i>	
			#or 75H operation			
			<i>Radiator Fan Bearing</i>	<i>MW</i>	<i>12M#</i>	
			<i>Alternator Bearing</i>	<i>MW</i>	<i>12M#</i>	
			<i>Replace Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>12M#</i>	
			<i>Replace Lubricating Oil Filter Element</i>	<i>MW</i>	<i>12M#</i>	
			<i>Overrunning Clutch (145P Type)</i>	<i>MW</i>	<i>12M#</i>	
			<i>Overrunning Clutch Chain</i>	<i>MW</i>	<i>12M#</i>	
			#or 150H operation			
			<i>Starting Motor Bearings</i>	<i>MW</i>	<i>24M#</i>	
			<i>Clean Crankcase</i>	<i>MW</i>	<i>24M#</i>	
			#or 500H operation			
			<i>Clean & Refill Alternator Bearings</i>	<i>MW</i>	<i>24M</i>	
			<i>Westinghouse Type TK Relays & 1 TK, 2 TK, & 3 TK Timers</i>	<i>MW</i>	<i>3Y</i>	
		2.07	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.13	<i>Test Overspeed Ignition Cutoff</i>	<i>MW</i>	<i>12M</i>	
		2.17	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.22	<i>Check Temperature</i>	<i>MW</i>	<i>12M</i>	
		2.23	<i>Clean & Inspect Commutator & Rings</i>	<i>MW</i>	<i>12M</i>	
		2.25	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.31	<i>Clean Starting Motor</i>	<i>MW</i>	<i>12M</i>	
		2.32	<i>Starter Chain Drive - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.34	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>12M</i>	
		2.37	<i>Operation of All Timers, Relays, Switches</i>	<i>MW</i>	<i>12M</i>	
			<i>Lubricate Clutch Pinion Bearing</i>	<i>MW</i>	<i>24M</i>	
		2.51	<i>Check Operation of Immersion Heater</i>	<i>MW</i>	<i>12M</i>	
155-134-301	1		ENGINE ALTERNATOR KS5636 LIST 1			

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-134-301	1		(Cont)			
		3.05	Test Alarms	MW	12M	
155-134-702	3		ENGINE ALTERNATOR K55636—AUTOMATIC—			
			32-VOLT BATTERY			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M	
			Water Pump Bearing	MW	6M#	
			Governor Linkage	MW	6M#	
			Overspeed Trip	MW	6M#	
			Air Cleaner	MW	6M#	
			Governor Switch Horizontal Shaft	MW	6M#	
			#or 75H operation			
			Radiator Fan Bearing	MW	12M#	
			Alternator Bearings	MW	12M#	
			Starting Motor Bearings	MW	12M#	
			Change Crankcase Oil (or Oil Analysis)	MW	12M#	
			Replace Oil Filter	MW	12M#	
			Overrunning Clutch - 145P & 150P Types	MW	12M#	
			Overrunning Clutch Chain	MW	12M#	
			#or 150H operation			
			Overrunning Clutch -FS Type	MW	12M#	
			Clean Crankcase	MW	24M#	
			#or 600H operation			
			Alternator Bearings	MW	12M	
			Westinghouse Type TK Relays - HOT, WUT,	MW	24M	
			& RST Timers (Clutch Pinion Bearings)			
			Westinghouse Type TK Relays - HOT, WUT,	MW	3Y	
			& RST Timers (Motor Bearings)			
		2.07	Inspect for Water Leaks	MW	12M	
		2.12	Excessive Noise & Vibration	MW	12M	
		2.13	Test Overspeed & Water Temp AUTO	MW	12M	
			Shutdown Devices			
		2.16	Fan Belt - Check Tension	MW	12M	
			Clean & Inspect Starting Control Cabinet	MW	12M	
			Wiring, Relays, Switches			
		2.22	Check Temperature	MW	12M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-134-702	3		(Cont)			
		2.23	Clean & Inspect Commutator & Collector Rings	MW	12M	
		2.25	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.31	Starting Motor - Clean	MW	12M	
		2.32	Starter Chain Drive - Check Tension	MW	12M	
		2.34	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
		2.37	Inspect All Gear Teeth for Wear	MW	24M	
			Test Operation of All Timers & Relays	MW	12M	
		2.45	Check HWT & LOP Shutdown Switches	MW	12M	
		2.51	Check Operation of Immersion Heater	MW	12M	
			Clean & Inspect Main Control Cabinet & Equipment	MW	12M	
155-134-302	3		ENGINE ALTERNATORS KS5636 L3-8, 30, 40, 50, & 60			
		3.05	Test All Alarms	MW	12M	
155-136-701	1		ENGINE ALTERNATOR KS5664—AUTOMATIC			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M	
			Governor Linkage	MW	6M=	
			Overspeed Trip	MW	6M=	
			Air Cleaner	MW	6M=	
			Governor Switch Horizontal Shaft	MW	6M=	
			=or 75H operation			
			Radiator Fan Bearing	MW	12M=	
			Alternator Bearings	MW	12M=	
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			Replace Oil Filter Element	MW	12M=	
			=or 150H operation			
			Alternator Bearings	MW	3Y	
		2.07	Inspect for Leaks	MW	12M	
		2.12	Excessive Noise & Vibration	MW	12M	
		2.13	Test Overspeed & Water Temp	MW	12M	
			Automatic Shutdown Devices			
		2.14	Fan Belt - Check Tension	MW	12M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-136-701	1		(Cont)			
		2.21	Check Temperature	MW	12M	
		2.22	Clean & Inspect Commutator & Rings	MW	12M	
		2.23	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.30	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Clean & Inspect Control Cabinet	MW	12M	
			Wiring, Relays, Etc.			
		2.33	Inspect Gear Teeth For Wear (HOT Timer)	MW	24M	
			Test Operation of HOT, WUT, RST, SDT, OLT, ADT, CHT, CRT, LOP, & HWT Timers & Switches	MW	12M	
			Lubricate HOT, WUT, & RST Timers	MW	24M	
			Pinion & Motor Bearings			
		2.47	Check Operation of Immersion Heater	MW	12M	
155-136-301	1		KS5664 ENGINE ALTERNATOR 15KW AUTOMATIC			
		4.06	Test Alarms	MW	12M	
155-138-701	4		ENGINE ALTERNATOR KS5665 (150, 200, & 300KW)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			Check Generator Bearing Oil Level	MW	12M=	
			=and start of run and each 150H operation			
			Governor Linkage Joints & Power Piston Tailrod	MW	6M=	
			Tachometer Drive	MW	6M=	
			Radiator Fan Bearings (Grease Cups or Oil Cups)	MW	6M=	
			=or 100H operation			
			Generator Bearings	MW	12M=	
			Starter Motor Bearings	MW	12M=	
			=or 150H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or 300H operation			
			Change Governor Oil	MW	12M=	
			=or 500H operation			
			Refill Tachometer Drive Grease Cup	MW	6M	
			Tachometer Flexible Drive Shaft	MW	12M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-138-701	4		(Cont)			
			<i>Drain, Remove, Clean, & Refill Radiator</i>	<i>MW</i>	<i>24M</i>	
			<i>Fan Motor Bearings (Oil Cups)</i>			
			<i>Clean & Refill Generator Bearings</i>	<i>MW</i>	<i>24M</i>	
			<i>Clean, & Repack Sealed Type Radiator Fan Motor Bearing</i>	<i>MW</i>	<i>5Y</i>	
		2.05	<i>Replace Lube Oil Filter Elements</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 300H operation</i>			
		2.06	<i>Lubricating Oil Strainer</i>	<i>MW</i>	<i>M=</i>	
			<i>Elements Cleaned</i>			
			<i>#or each 8H operation</i>			
			<i>Lubricating Oil Strainer & Suction Strainer</i>	<i>MW</i>	<i>12M</i>	
		2.09	<i>Exhaust Back Pressure & Temperature</i>	<i>MW</i>	<i>M=</i>	
			<i>#or 24H continuous operation</i>			
		2.11.1	<i>Oil Level Regulator Inlet Bowl & Brass Screen Cleaned</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or every 300H operation</i>			
		2.12	<i>Fuel Injector Filters</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or when injector is serviced</i>			
		2.13	<i>Clean Cylinder Head Fuel Jet Filters</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
		2.14	<i>Replace Fuel Oil Filter Elements</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 300H operation</i>			
			<i>Fuel Oil Filter - Drain Sludge</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
		2.16	<i>Air-Box Drain Valve—Open & Drain</i>	<i>MW</i>	<i>8H</i>	
		2.17	<i>Clean Crankcase Breather</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
		2.18	<i>Check Leaks & Excessive Noise & Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.28	<i>Clean & Inspect Commutator & Collector Rings</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.35	<i>Clean & Inspect Starting Motor</i>	<i>MW</i>	<i>12M</i>	
		2.38	<i>Routine Run - 2 Hours</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-138-701	4		(Cont)			
			<i>Clean & Inspect Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Relays, Switches, Etc.</i>			
155-139-701	2		ENGINE ALTERNATOR KS5666			
			LISTS 1 AND 2 (10KW MANUAL)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M#</i>	
			<i>#and start of run and each 5H operation</i>			
			<i>Change Crankcase Oil</i>	<i>MW</i>	<i>3M#</i>	
			<i>Change Governor Oil</i>	<i>MW</i>	<i>3M#</i>	
			<i>Governor Linkage</i>	<i>MW</i>	<i>3M#</i>	
			<i>Fuel Injection Pump</i>	<i>MW</i>	<i>3M#</i>	
			<i>Air Cleaner</i>	<i>MW</i>	<i>3M#</i>	
			<i>#or 50H operation</i>			
			<i>Radiator Fan Bearing</i>	<i>MW</i>	<i>6M#</i>	
			<i>#or 100H operation</i>			
			<i>Alternator Bearing</i>	<i>MW</i>	<i>3Y</i>	
		2.11	<i>Fuel Oil Filter A</i>	<i>MW</i>	<i>100H</i>	
			<i>Fuel Oil Filter B</i>	<i>MW</i>	<i>50H</i>	
		2.12	<i>Clean Lube Oil Filter (Purolator)</i>	<i>MW</i>	<i>3MA</i>	
			<i>#or 50H operation</i>			
		2.13	<i>Inspect for Leaks & Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Test Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.18	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Clean & Inspect Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Relays, Switches, Etc.</i>			
		2.20	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.25	<i>Clean & Inspect Commutator & Rings</i>	<i>MW</i>	<i>12M</i>	
		2.26	<i>Clean & Inspect Starting Motor</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
155-139-702	1		ENGINE ALTERNATOR KS5666-01 (10KW MANUAL)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M#</i>	
			<i>#and start of run and each 5H operation</i>			
			<i>Change Crankcase Oil</i>	<i>MW</i>	<i>3M#</i>	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-139-702	1		(Cont)			
			<i>Clean Lube Oil Filter (Purolator)</i>	<i>MW</i>	<i>3M#</i>	
			<i>Replace Governor Oil</i>	<i>MW</i>	<i>3M#</i>	
			<i>Governor Linkage</i>	<i>MW</i>	<i>3M#</i>	
			<i>Bosch Fuel Pump</i>	<i>MW</i>	<i>3M#</i>	
			<i>Air Cleaner</i>	<i>MW</i>	<i>3M#</i>	
			<i>#or 50H operation</i>			
			<i>Radiator Fan Bearing</i>	<i>MW</i>	<i>6M#</i>	
			<i>#or 100H operation</i>			
			<i>Alternator Bearing</i>	<i>MW</i>	<i>3Y</i>	
		2.11	<i>Fuel Oil Filter A</i>	<i>MW</i>	<i>100H</i>	
			<i>Fuel Oil Filter B</i>	<i>MW</i>	<i>50H</i>	
		2.13	<i>Inspect for Leaks & Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Test Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.18	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Clean & Inspect Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Relays, Switches, Etc.</i>			
		2.20	<i>Clean & Inspect Commutator & Rings</i>	<i>MW</i>	<i>12M</i>	
		2.22	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Clean & Inspect Starting Motor</i>	<i>MW</i>	<i>12M</i>	
		2.30	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
155-141-701	2		ENGINE ALTERNATOR KS5667			
			(3, 5, & 8KW KOHLER AUTOMATIC)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M</i>	
			<i>Fan & Water Pump Bearing (5 & 8KW Sets)</i>	<i>MW</i>	<i>50H</i>	
			<i>Replace Crankcase Oil</i>	<i>MW</i>	<i>12M#</i>	
			<i>Air Cleaner</i>	<i>MW</i>	<i>12M#</i>	
			<i>Governor Throttle Linkage</i>	<i>MW</i>	<i>12M#</i>	
			<i>#or 100H operation</i>			
			<i>Timing Relay - Motor Bearing (2.31b)</i>	<i>MW</i>	<i>24M</i>	
			<i>Timing Relay Clutch Pinion Bearing (2.31d)</i>	<i>MW</i>	<i>24M</i>	
			<i>Alternator Bearing</i>	<i>MW</i>	<i>24M</i>	
		2.07	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Check for Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-141-701	2		(Cont)			
		2.17	Check Operation of Immersion Heater	MW	12M	
		2.19	Check Temperature	MW	12M	
		2.20	Clean & Inspect Commutator & Rings	MW	12M	
		2.21	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.26	Clean & Inspect Starting Motor	MW	12M	
		2.29	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
		2.30	Clean & Inspect Cabinet & Equipment	MW	12M	
		2.31	Test Operation of Timers & Relays	MW	12M	
			Inspect Timer Gear Teeth for Wear	MW	24M	
		2.32	Test HWT & LOP Automatic	MW	12M	
			Shutdown Devices			
155-141-703	2		ENGINE ALTERNATOR KS5667-01			
			(2.8, 4, & 8KW—KOHLER MAN OR AUTO)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M	
			Change Crankcase Oil	MW	12M#	
			#or 100H operation			
			Air Cleaner	MW	6M#	
			Governor Throttle Linkage	MW	6M#	
			#or 100H operation			
			Alternator Bearing (Automatic Sets)	MW	24M	
			Magneto	MW	6M	
		2.07	Inspect for Leaks	MW	12M	
		2.12	Check for Excessive Vibration	MW	12M	
		2.13	Fan Belt - Check Tension	MW	12M	
			Replace Radiator Pressure Cap	MW	12M	
		2.17	Check Immersion Heaters	MW	12M	
		2.19	Check Temperature	MW	12M	
		2.20	Clean & Inspect Commutator	MW	12M	
			& Collector Rings			
		2.21	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.29	Clean & Inspect Starting Motor	MW	12M	
		2.31	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-141-703	2		(Cont)			
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
		2.32	<i>Clean & Inspect Cabinets & Equipment</i>	<i>MW</i>	<i>12M</i>	
		2.33	<i>Test HWT & LOP Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
155-141-303	2		ENGINE ALTERNATORS KS5667-01—			
			2.8, 4, & 8KW			
		2.05	<i>Test SDT Timer</i>	<i>MW</i>	<i>12M</i>	
		3.16	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-141-704	1		ENGINE ALTERNATOR KS5667-01 LISTS 6 & 7			
			(5KW - KOHLER AUTOMATIC)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M</i>	
			<i>Change Crankcase Oil</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
			<i>Air Cleaner</i>	<i>MW</i>	<i>6M=</i>	
			<i>Governor Throttle Linkage</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 100H operation</i>			
			<i>Magneto</i>	<i>MW</i>	<i>6M</i>	
		2.07	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Excessive Noise & Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.13	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
			<i>Replace Radiator Pressure Cap</i>	<i>MW</i>	<i>24M</i>	
		2.17	<i>Check Immersion Heater</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Check Temperature</i>	<i>MW</i>	<i>12M</i>	
		2.20	<i>Clean & Inspect Commutator</i>	<i>MW</i>	<i>12M</i>	
			<i>& Collector Rings</i>			
		2.21	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Clean & Inspect Starting Motor</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
		2.31	<i>Test HWT & LOP Automatic</i>	<i>MW</i>	<i>12M</i>	
			<i>Shutdown Devices</i>			
		2.33	<i>Test Operation of Timers (ET, TD, & RST)</i>	<i>MW</i>	<i>12M</i>	
155-141-304	1		ENGINE ALTERNATORS KS5667-01—5KW			
		3.16	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-145-701	3		ENGINE ALTERNATOR KS5750—			

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-145-701	3		(Cont)			
			(20KW - G.M. AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M#	
			#or start of run and 8H operation			
			Throttle Solenoid Linkage	MW	6M#	
			Air Shutdown Valve Shaft Bushing	MW	6M#	
			Fuel Rack Solenoid Pivot Shaft	MW	6M#	
			Governor Linkage Joints	MW	6M#	
			Overspeed Trip	MW	6M#	
			#or 75H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M#	
			Radiator Fan Bearing	MW	6M#	
			Alternator Bearing	MW	6M#	
			Starting Motor & Bendix Drive Bearing	MW	6M#	
			#or 150H operation			
		2.07	Air Cleaner	MW	12M#	
			#or 100H operation			
		2.08	Replace Lube Oil Filter	MW	12M#	
			#or 150H operation			
		2.09	Clean or Replace Fuel Oil Filters	MW	500H	
		2.10	Inspect for Leaks &	MW	12M	
			Excessive Noise & Vibration			
		2.11.1	Clean Bowl & Inlet Screen of	MW	6M#	
			Lube Oil Level Regulator			
			#or 300H operation			
		2.12	Test All Automatic Shutdown Devices	MW	12M	
		2.19	Replace Radiator Pressure Cap or Gasket	MW	24M	
		2.20	Fan Belt - Check Tension	MW	12M	
		2.22	Check Immersion Heater	MW	12M	
		2.26	Clean & Inspect Voltage Regulator	MW	12M	
			& Engine Control Cabinet			
		2.27	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.32	Clean & Inspect Commutator	MW	12M	
			& Collector Rings			
		2.33.1	Check Cable Insulation	MW	12M#	
			#or 500H operation			

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-145-701	3		(Cont)			
		2.35	Clean & Inspect Starting Motor & Bendix Drive	MW	12M	
		2.36	Check Cranking Cutout Device	MW	12M	
		2.37	Clean & Inspect Solenoid Switch	MW	30M	
		2.39	Routine Run—30 or 50 Minutes	MW	W	
			Routine Run—7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-145-301	3		ENGINE ALTERNATOR KS5750—20KW			
		3.06	Test All Alarms	MW	12M	
155-145-311	2		ENGINE ALTERNATORS—J86621			
			MAIN CONTROL CABINET			
			Clean & Inspect Control Cabinet & Equipment	MW	12M	
		2.07	Test Operation of All Timers	MW	12M	
		2.19	Test All Alarms	MW	12M	
155-145-702	3		ENGINE ALTERNATOR KS5750			
			(30, 40, & 60KW - G.M. AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and start of run and each 8H operation			
			Throttle Solenoid Linkage	MW	6M=	
			Air Shutdown Valve Shaft Bushing	MW	6M=	
			Fuel Rack Solenoid Pivot Shaft	MW	6M=	
			Governor Linkage Joints	MW	6M=	
			Overspeed Trip	MW	6M=	
			=or 75H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			Radiator Fan Bearing	MW	6M=	
			Alternator Bearing	MW	6M=	
			Starting Motor & Bendix Drive Bearing	MW	6M=	
			=or 150H operation			
		2.07	Air Cleaners	MW	12M=	
			=or 100H operation			
		2.08	Replace Oil Filter Element	MW	12M=	
			=or 150H operation			
		2.09	Fuel Oil Filters	MW	500H	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-145-702	3		(Cont)			
		2.10	Inspect for Leaks & Excessive Noise & Vibration	MW	12M	
		2.11.1	Clean Bowl & Inlet Screen of Lube Oil Level Regulator # or 300H operation	MW	6M#	
		2.12	All Automatic Shutdown Devices (2.12-2.16)	MW	12M	
		2.19	Replace Radiator Pressure Cap or Gasket	MW	24M	
		2.20	Fan Belt - Check Tension	MW	12M	
		2.22	Check Immersion Heater	MW	12M	
		2.26	Clean & Inspect Voltage Regulator & Alternator Control Cabinet	MW	12M	
		2.27	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.32	Clean & Inspect Commutator & Collector Rings	MW	12M	
		2.33.1	Check Cable Insulation # or 500H operation	MW	12M#	
		2.35	Clean & Inspect Starting Motor & Bendix Drive	MW	12M	
		2.36	Check Cranking Cutout Device	MW	12M	
		2.37	Clean & Inspect Solenoid Switch	MW	30M	
		2.39	Routine Runs—30 or 50 Minutes Routine Run - 7 Hours Check Water Level & Fuel Supply	MW	W 12M M	
155-145-305	4		ENGINE ALTERNATORS KS5750— 30, 40, & 60KW			
		3.06	Test All Alarms	MW	12M	
155-145-311	2		ENGINE ALTERNATORS KS5750— J86621 CONTROL CABINET			
			Clean & Inspect Cabinet	MW	12M	
			Wiring & Relays (J86621)	MW	12M	
		2.07	Test Operation of Timers (J86621)	MW	12M	
		2.19	(J86621 Control Cabinet) Test All Alarms	MW	12M	
155-165-311	2		ENGINE ALTERNATORS KS5750— J86621 CONTROL CABINET			
			Clean & Inspect Cabinet	MW	12M	
			Wiring & Relays (J86224)			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-165-311	2		(Cont)			
		3.03	Test Operation of Timers (J86624)	MW	12M	
		3.08	(J86624 Control Cabinet) Test All Alarms	MW	12M	
155-161-701	4		ENGINE ALTERNATOR KS15521			
			LISTS 1, 2, 3, & 4 (20KW AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M#	
			#and prior each run & 8H operation			
			Water Pump Bearing	MW	6M#	
			Bosch Fuel Injection Pump	MW	6M#	
			Radiator Fan Bearing	MW	6M#	
			Governor	MW	6M#	
			#or 75H operation			
			Starting Motor & Bendix Drive Bearings	MW	6M#	
			Change Crankcase Oil (or Oil Analysis)	MW	12M#	
			#or 150H operation			
			Alternator Bearings (List 3 & 4 Machines)	MW	6M#	
			#or 300H operation			
			Alternator Bearings (List 1 & 2 Machines)	MW	24M	
		2.12	Air Cleaners	MW	6M#	
			#or 75H operation			
		2.13	Clean Primary Fuel Filter With Handles	MW	75H	
			Remove & Clean Fuel Filter	MW	6M#	
			#or 500H operation			
			Drain Secondary Fuel Filter	MW	75H	
			Remove & Clean Fuel Filter	MW	6M#	
			#or 500H operation			
		2.14	Clean Lube Oil Filter	MW	12M#	
			#or 150H operation			
		2.14.1	Lube Oil Level Reg Inlet Screen & Bowl	MW	6M#	
			#or 300H operation			
		2.15	Test Overspeed, LOP, FOP, & HWT	MW	12M	
			Automatic Shutdown Devices			
		2.19	Inspect for Leaks & Excessive Vibration	MW	12M	
		2.23	Replace Radiator Pressure Cap or Gasket	MW	24M	
		2.24	Check Immersion Heater	MW	12M	
		2.26	Fan Belt - Check Tension	MW	12M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-161-701	4		(Cont)			
		2.28	Clean & Inspect Engine Control Cabinet	MW	12M	
		2.30	Clean & Inspect Commutator & Collector Rings	MW	12M	
		2.31	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.36	Starting Battery Cell & Battery Voltage Specific Gravity (Lead-acid)	MW	3M	
			Electrolyte Level (Lead-acid)	MW	6M	
			Electrolyte Level (Nickel-cadmium)	MW	3M	
		2.37	Clean Starting Motor & Bendix Drive	MW	12M	
		2.38	Check Cranking Cutout Device	MW	12M	
		2.40	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-161-301	2		ENGINE ALTERNATORS KS15521 LISTS 1-4			
		3.06	Test All Alarms	MW	12M	
155-145-311	2		ENGINE ALTERNATORS KS15521— J86621 CONTROL CABINET			
			Clean & Inspect Wiring, Relays, & Switches Main Control Cabinet J86621	MW	12M	
		2.07	Test Operation of Timers	MW	12M	
		2.19	Test All Alarms	MW	12M	
155-161-702	3		ENGINE ALTERNATOR KS15521 LISTS 10, 11, & 12 (DUAL 20KW SETS—AUTO)			
		2.01	Lubrication List 10			
			Check Crankcase Oil Level	MW	M	
			Remove & Clean Lube Oil Filter	MW	M	
			Auxiliary Lube Oil Tank	MW	M	
			Replace Lube Oil Bypass Filter Element	MW	M	
			Remove & Clean Lube Oil Filter	MW	M	
			Change Crankcase Oil	MW	M	
			Bosch Fuel Injection Pump	MW	M	
			Governor	MW	M	
			Air Cleaners (2.10)	MW	M	
			Water Pump Bearing	MW	M	
			Starting Motor & Bendix Drive Bearing	MW	M	
			Electric Motor Driven Oil Pump	MW	2M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-161-702	3		(Cont)			
			<i>Radiator Fan Bearing</i>	<i>MW</i>	<i>6M</i>	
			<i>Alternator Ball Bearing</i>	<i>MW</i>	<i>12M</i>	
		2.01	<i>Lubrication—Lists 11 & 12</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M</i>	
			<i>Bosch Fuel Injection Pump</i>			
			<i>APE 6A-65T-4750A</i>	<i>MW</i>	<i>=</i>	
			<i>#each 1000H operation</i>			
			<i>All Other Part Numbers - 2D Fuel Oil</i>	<i>MW</i>	<i>150H</i>	
			<i>All Other Part Numbers - 1D Fuel Oil</i>	<i>MW</i>	<i>75H</i>	
			<i>Radiator Fan Bearing</i>	<i>MW</i>	<i>6M</i>	
			<i>Governor</i>	<i>MW</i>	<i>=</i>	
			<i>Water Pump Bearings</i>	<i>MW</i>	<i>=</i>	
			<i>Air Cleaners (2.10)</i>	<i>MW</i>	<i>=</i>	
			<i>Starting Motor & Bendix Drive Bearings</i>	<i>MW</i>	<i>=</i>	
			<i>Change Crankcase Oil</i>	<i>MW</i>	<i>=</i>	
			<i>#each 1000H operation</i>			
			<i>Alternator Ball Bearings—List 12</i>	<i>MW</i>	<i>6M</i>	
			<i>Alternator Ball Bearings—List 11</i>	<i>MW</i>	<i>24M</i>	
		2.11	<i>Primary & Secondary Lube Oil Filters</i>	<i>MW</i>	<i>=</i>	
			<i>#each 1000H operation</i>			
		2.12	<i>Clean Lube Oil Filters & Replace</i>	<i>MW</i>	<i>M</i>	
			<i>Bypass Filter Elements (List 10 Sets)</i>			
			<i>Clean Lube Oil Filters & Replace</i>	<i>MW</i>	<i>=</i>	
			<i>Secondary Filter Elements (Lists 11 & 12)</i>			
			<i>#each 1000H operation</i>			
		2.12.1	<i>Inlet Bowl & Brass Screen Cleaned</i>	<i>MW</i>	<i>6M#</i>	
			<i>#or 300H operation</i>			
		2.13	<i>Test Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
			<i>(Overspeed, LOP, FOP, & WTS)</i>			
		2.17	<i>Inspect for Leaks &</i>	<i>MW</i>	<i>12M</i>	
			<i>Excessive Noise & Vibration</i>			
		2.19.1	<i>Replace Radiator Pressure Cap</i>	<i>MW</i>	<i>24M</i>	
		2.21	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.23	<i>Clean & Inspect Engine Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
		2.24	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Clean Commutator & Collector Rings</i>	<i>MW</i>	<i>12M</i>	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-161-702	3		(Cont)			
		2.29	Clean Starting Motor & Bendix Drive	MW	12M	
		2.30	Check Cranking Cutout Switch	MW	12M	
		2.31	Clean & Inspect Main Control Cabinet	MW	12M	
			(J86626) Wiring, Relays, Switches			
		2.32	Test & Service HOT, WUT,	MW	12M	
			OLT, CRT, & OPD Timers			
			Check HOT & WUT Timer Motors,	MW	24M	
			Gear Teeth & Clutch Pinion Bearings			
155-161-302	3		ENGINE ALTERNATOR KS15521 LISTS 10, 11, & 12			
		2.34	Test All Alarms	MW	12M	
155-165-701	5		ENGINE ALTERNATORS KS15622 LISTS 1-4			
			& 10-11 (120 & 170KW, MANUAL OR AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			Water Pump (Man. Set - Remote Radiator)	MW	M=	
			=and prior each run and 8H operation			
			Water Pump (120KW Set - Radiator On Set)	MW	8H	
			Governor Linkage (120KW Set)	MW	6M=	
			=or 100H operation			
			Filter in Supply Line to Governor (Auto)	MW	6M=	
			=or 75H operation			
			Filter in Supply Line to Governor (Manual)	MW	12M=	
			=or 150H operation			
			Clean Lube Oil Filters (2.13a)	MW	6M=	
			=or 75H operation			
			Bosch Fuel Pump			
			APE 6A-65T-4750A	MW	=	
			=every 1000H operation			
			All Other Part Numbers - 2D Fuel Oil	MW	150H	
			All Other Part Numbers - 1D Fuel Oil	MW	75H	
			Overspeed Trip Drive Shaft	MW	6M=	
			Radiator Fan Bearing	MW	6M=	
			Air Shutdown Valve Shaft	MW	6M=	
			=or 100H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			Turbocharger Filter Element (170KW Set) (2.13d)	MW	12M#	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-165-701	5		(Cont)			
			4-Unit Lube Oil Filter (170KW Set)(2.13b)	MW	12M#	
			#or 200H operation			
			Alternator Bearing	MW	24M	
		2.06	Drain Fuel Oil Drain Container	MW	M#	
			#or each visit to office			
		2.11	Air Cleaner	MW	12M	
		2.12	Clean Primary Fuel Oil Filter	MW	12M	
			Clean Secondary Fuel Oil Filter	MW	75H	
			Replace Secondary Fuel Oil Filter	MW	12M#	
			#or 150H operation			
		2.13.1	Clean Inlet Bowl & Brass Screen on Lube	MW	6M#	
			Oil Level Regulator			
			#or 300H engine operation			
		2.14	Test All Automatic Shutdown Devices	MW	12M	
		2.18	Test Circuit Breaker Relay	MW	12M	
		2.20	Inspect for Leaks &	MW	12M	
			Excessive Noise & Vibration			
		2.23	Replace Radiator Pressure Cap or Gasket	MW	24M	
		2.26	Fan Belt - Check Tension	MW	12M	
		2.28	Clean & Inspect Starting Control Cabinet	MW	12M	
		2.29	Check Temperature	MW	12M	
		2.30	Clean & Inspect Commutator,	MW	12M	
			Collector Rings, & Commutator Slots			
		2.38	Clean & Inspect Starting Motor	MW	12M	
			& Bendix Drive			
		2.39	Check Cranking Cutout Switch	MW	12M	
		2.41	Routine Run - 2 Hours	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-165-301	4		ENGINE ALTERNATORS KS15622 LISTS 1-4 & 10-11			
		3.11	Test All Engine Alarms	MW	12M	
155-165-311	2		ENGINE ALTERNATORS KS15622			
			—J86624 MAIN CONTROL CABINET			
		3.03	Test Operation of All Timers	MW	12M	
		3.08	Test All Control Cabinet Alarms Main Control	MW	12M	
			Equipment (List 10 & 11 Sets) J86624			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-165-311	2		(Cont)			
			<i>Clean & Inspect Main Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Switches, Relays, Etc.</i>			
155-167-701	2		ENGINE ALTERNATOR KS15650			
			(5KW ONAN PORTABLE)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M=</i>	
			<i>#and prior each run & each 5H operation</i>			
			<i>Governor Throttle Linkage</i>	<i>MW</i>	<i>3M=</i>	
			<i>Air Cleaner</i>	<i>MW</i>	<i>3M=</i>	
			<i>#or 50H operation</i>			
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 100H operation</i>			
			<i>Generator Bearing</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
		2.06	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.11	<i>Check for Excessive Noise & Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Clean & Inspect Control Box</i>	<i>MW</i>	<i>12M</i>	
			<i>& Voltage Regulator</i>			
		2.13	<i>Check Temperature</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Clean & Inspect Commutator</i>	<i>MW</i>	<i>12M</i>	
			<i>Commutator Slots, Collector</i>			
		2.16	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.22	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
		2.23	<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
155-168-701	1		ENGINE ALTERNATOR KS19989			
			(5KW ONAN PORTABLE)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M=</i>	
			<i>#and start of run and each 8H operation</i>			
			<i>Governor Throttle Linkage</i>	<i>MW</i>	<i>3M=</i>	
			<i>#or every 50H operation</i>			
			<i>Air Cleaner</i>	<i>MW</i>	<i>3M=</i>	
			<i>#or every 50H operation</i>			
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or every 100H operation</i>			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-168-701	1		(Cont)			
			<i>Magneto</i>	<i>MW</i>	<i>12M±</i>	
			<i>±or every 1000H operation</i>			
		2.06	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.11	<i>Inspect for Excessive Noise or Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Clean & Inspect Control Box & Voltage Regulator</i>	<i>MW</i>	<i>12M</i>	
		2.13	<i>Check Temperature</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Clean & Inspect Commutator & Collector Ring Surfaces</i>	<i>MW</i>	<i>12M</i>	
		2.20	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.22	<i>Routine Run—30 Minutes</i>	<i>MW</i>	<i>W</i>	
		2.23	<i>Routine Run—7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Fuel Supply</i>	<i>MW</i>	<i>M</i>	
155-170-701	1		ENGINE ALTERNATOR KS15700 (1.3KW KOHLER - AUTOMATIC)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M</i>	
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>6M±</i>	
			<i>Air Cleaner</i>	<i>MW</i>	<i>6M±</i>	
			<i>Governor Throttle Linkage</i>	<i>MW</i>	<i>6M±</i>	
			<i>±or 100H operation</i>			
			<i>Magneto</i>	<i>MW</i>	<i>6M</i>	
		2.07	<i>Inspect for Leaks</i>	<i>MW</i>	<i>12M</i>	
		2.12	<i>Check for Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.13	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
			<i>Replace Radiator Pressure Cap</i>	<i>MW</i>	<i>24M</i>	
		2.18	<i>Check Temperature</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Clean & Inspect Commutator, Commutator Slots, & Collector Rings</i>	<i>MW</i>	<i>12M</i>	
		2.21	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.26	<i>Clean & Inspect Starting Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Relay, Switches</i>			
		2.28	<i>Test HWT & LOP Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.31	<i>Routine Run - 30 Minutes</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-170-301	1		ENGINE ALTERNATOR KS15700			
		3.16	Test All Alarms	MW	12M	
155-172-700	3		ENGINE ALTERNATOR KS15717 L4-L9			
			(10KW KOHLER - MANUAL)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and prior each run & 8H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or 100H operation			
			Overspeed Cutoff Device	MW	M=	
			=or 25H operation			
		2.10	Air Cleaner	MW	12M=	
		2.11	Fuel Oil Filters	MW	12M=	
		2.12	Lube Oil Filter	MW	12M=	
			=or 100H operation			
		2.13	Inspect for Leaks & Excessive Vibration	MW	12M	
		2.17	Fan Belt - Check Tension	MW	12M	
		2.18	Replace Radiator Pressure Cap Gasket	MW	24M	
		2.20	Test Overspeed, LOP & HWT Automatic	MW	12M	
			Shutdown Devices			
		2.24	Check Temperature	MW	12M	
		2.25	Inspect Commutator Slots	MW	12M	
		2.26	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.31	Clean & Inspect Commutator & Rings	MW	12M	
		2.35	Clean & Inspect Control Panel	MW	12M	
			& Control Equipment			
		2.37	Routine Run - 30 Minutes	MW	W	
		2.38	Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-172-701	1		ENGINE ALTERNATOR KS15717 L1			
			(10KW KOHLER—AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and prior each run and 8H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or 100H operation			
			Overspeed Cutoff Device	MW	M=	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-172-701	1		(Cont)			
			#or 25H operation			
		2.10	Air Cleaner	MW	12M=	
		2.11	Fuel Oil Filters	MW	12M=	
		2.12	Lube Oil Filter	MW	12M=	
			#or 100H operation			
		2.13	Inspect for Leaks & Excessive Vibrations	MW	12M	
		2.14	Test Overspeed, LOP, & HWT	MW	12M	
			Automatic Shutdown Devices			
		2.20	Fan Belt - Check Tension	MW	12M	
		2.21	Replace Radiator Pressure Cap Gasket	MW	24M	
		2.22	Check Immersion Heater	MW	12M	
		2.25	Check Temperature	MW	12M	
		2.26	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.31	Clean & Inspect Commutator Slots & Rings	MW	12M	
		2.34	Clean & Inspect Engine Control Panel	MW	12M	
		2.36	Routine Run - 30 Minutes	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-172-301	1		ENGINE ALTERNATOR KS15717 L1			
		3.11	Test All Alarms	MW	12M	
155-141-302	4		ENGINE ALTERNATORS KS15717			
			L1 & L4-9—J86622 MAIN CONTROL CABINET			
			Clean & Inspect Cabinet	MW	12M	
			(J86622) Wiring, Relays, Switches			
		2.02	Test Operation of All Timers	MW	12M	
		2.30	Test All Alarms	MW	12M	
155-172-702	2		ENGINE ALTERNATOR KS15717 L11			
			(10KW KOHLER-AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			#and prior each run & 8H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			#or 100H operation			
			Lubricate Overspeed Cutoff Device Bearing	MW	M=	
			#or 25H operation			
		2.10	Air Cleaner	MW	12M=	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-172-702	2		(Cont)			
		2.11	Fuel Oil Filters	MW	12M=	
		2.12	Lube Oil Filter	MW	12M=	
			=or 100H operation			
		2.13	Inspect for Leaks & Excessive Vibration	MW	12M	
		2.14	Test Overspeed, LOP & HWT	MW	12M	
			Automatic Shutdown Decives			
		2.20	Fan Belt - Check Tension	MW	12M	
		2.21	Replace Pressure Cap Gasket on Radiator	MW	24M	
		2.22	Check Immersion heater	MW	12M	
		2.25	Check Temperature	MW	12M	
		2.26	Clean & Inspect Brushes & Brush Holders	MW	12M	
		2.31	Clean & Inspect Commutators Slots & Rings	MW	12M	
		2.34	Clean & Inspect Engine Control Cabinet	MW	12M	
			Wiring, Relays, Switches			
		2.36	Routine Run - 30 Minutes	MW	M	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	12M	
		2.37	Clean & Inspect Main Control Cabinet	MW	12M	
			& Relays			
			(Requirements in Section 040-804-701)			
		2.38	Inspect Transfer Switch	MW	12M	
		2.45	Check Operation of All Timers	MW	12M	
155-172-302	2		ENGINE ALTERNATOR KS15717 L11			
		3.10	Test All Alarms	MW	12M	
155-174-701	2		ENGINE ALTERNATOR KS15777 500KW MANUAL			
			& AUTOMATIC			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and prior each run & 8H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or 600H operation			
			Check Governor Oil Level	MW	M	
			Change Governor Oil	MW	6M=	
			=or 600H operation			
			Check Alternator Bearing Oil Level	MW	M	
			Alternator Bearings	MW	24M	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-174-701	2		(Cont)			
			<i>Fuel Control Shaft</i>	<i>MW</i>	<i>M</i>	
			<i>Radiator Fan Bearings</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 300H operation</i>			
			<i>Radiator Fan Motor Bearings</i>	<i>MW</i>	<i>6M</i>	
			<i>Governor Motor Bearings</i>	<i>MW</i>	<i>6M</i>	
			<i>Governor Linkage</i>	<i>MW</i>	<i>6M</i>	
			<i>Starting Motor Bearings</i>	<i>MW</i>	<i>100H</i>	
			<i>Bendix Drive Bearing</i>	<i>MW</i>	<i>24M</i>	
			<i>Screw Shaft</i>	<i>MW</i>	<i>24M</i>	
		2.12	<i>Fuel Oil Filter</i>			
			<i>Replace Elements</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 600H operation</i>			
			<i>Drain Sludge</i>	<i>MW</i>	<i>100H</i>	
		2.13	<i>Fuel Oil Strainer</i>			
			<i>Clean by Rotating Handle</i>	<i>MW</i>	<i>8H</i>	
			<i>Remove & Clean</i>	<i>MW</i>	<i>=</i>	
			<i>#each 1000H operation</i>			
		2.14	<i>Lube Oil Filters</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 600H operation</i>			
		2.16	<i>Filter Silencer</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 1000H operation</i>			
		2.17	<i>Inspect for Leaks & Excessive Noise</i>	<i>MW</i>	<i>12M</i>	
			<i>& Vibration</i>			
		2.19	<i>Air Line Filter</i>	<i>MW</i>	<i>3M</i>	
		2.20	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Check Water Temperature Regulator</i>	<i>MW</i>	<i>12M</i>	
		2.28	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Check Radiator Fan Low Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.30	<i>Check Radiator Fan High Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.31	<i>Heat Exchanger Water Pump Switch</i>	<i>MW</i>	<i>12M</i>	
		2.33	<i>Clean & Inspect Voltage Regulator</i>	<i>MW</i>	<i>12M</i>	
		2.34	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.39	<i>Clean & Inspect Commutator, Slots, &</i>	<i>MW</i>	<i>12M</i>	
			<i>Collector Rings</i>			
		2.42	<i>Cranking Cutout Switch</i>	<i>MW</i>	<i>12M</i>	
			<i>Frequency Monitor Switch</i>	<i>MW</i>	<i>12M</i>	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-174-701	2		(Cont)			
		2.44	<i>Routine Run - 3 Hours</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
			<i>Clean & Inspect Main Control Cabinet</i>	<i>MW</i>	<i>12M</i>	
			<i>Wiring, Relays, Switches</i>			
		2.46	<i>Test Operation of Timers (Auto Set)</i>	<i>MW</i>	<i>12M</i>	
155-174-301	3		ENGINE ALTERNATORS KS15777			
			L21, L22, L31, & L32			
		3.03	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-174-302	3		ENGINE ALTERNATORS KS15777			
			L23, L24, L33, & L34			
		3.06	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-176-701	3		ENGINE ALTERNATOR KS15884			
			(30, 45, 60, & 100KW - G.M. MANUAL)			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M=</i>	
			<i>#and prior each run & 8H operation</i>			
			<i>Governor Linkage Joints</i>	<i>MW</i>	<i>M=</i>	
			<i>Overspeed Trip</i>	<i>MW</i>	<i>M=</i>	
			<i>#or 25H operation</i>			
			<i>Air Cleaners (2.07)</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 75H operation</i>			
			<i>Alternator Bearing</i>	<i>MW</i>	<i>6M=</i>	
			<i>Starter Motor & Bendix Drive Bearings</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 150H operation</i>			
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>12M=</i>	
			<i>Lube Oil Filter (2.08)</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 150H operation</i>			
			<i>Cooling Fan Bearings</i>	<i>MW</i>	<i>500H</i>	
		2.09	<i>Primary & Secondary Fuel Oil Filters</i>	<i>MW</i>	<i>500H</i>	
			<i>& Fuel Suction Line Filter</i>			
		2.10	<i>Inspect for Leaks & Excessive Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.11	<i>Clean Lube Oil Level Regulator</i>	<i>MW</i>	<i>6M=</i>	
			<i>Inlet Bowl & Screen (if Provided)</i>			
			<i>#or 300H operation</i>			
		2.12	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-176-701	3		(Cont)			
		2.19	Replace Radiator Pressure Cap or Gasket	MW	24M	
		2.20	Fan Belt - Check Tension	MW	12M	
		2.23	Clean & Inspect Engine Control Cabinet	MW	12M	
			Wiring, Relays, Switches			
		2.24	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.29	Clean & Inspect Commutator, Slots, & Rings	MW	12M	
		2.32	Clean & Inspect Starting Motor	MW	12M	
			& Bendix Drive			
		2.33	Inspect Solenoid Switch	MW	30M	
		2.35	Routine Run - 2 Hours	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
155-176-301	2		ENGINE ALTERNATOR KS15884 30KW			
		3.04	Test All Alarms	MW	6M	
155-176-302	2		ENGINE ALTERNATORS KS15884 45, 60, & 100KW			
		3.04	Test All Alarms	MW	6M	
155-178-701	2		ENGINE ALTERNATOR KS15890 L1, 2, 3, & 4			
			(30, 45, 60, & 100KW - G.M. AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and prior to run and each 8H operation			
			Throttle Solenoid Linkage	MW	M=	
			Engine Air Shutdown Valve Bushing	MW	M=	
			Fuel Rack Solenoid Pivot Shaft	MW	M=	
			Governor Linkage Joints	MW	M=	
			Overspeed Cutoff Device	MW	M=	
			=or 25H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			Lube Oil Filter (2.06)	MW	12M=	
			=or 150H operation			
			Air Cleaners (2.07)	MW	6M=	
			=or 75H operation			
			Alternator Bearing	MW	6M=	
			Starting Motor & Bendix Drive Bearings	MW	6M=	
			=or 150H operation			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-178-701	2		(Cont)			
		2.09	Primary & Secondary Fuel Oil Filters & Suction Line Filters	MW	500H	
		2.10	Inspect for Leaks & Excessive Noise & Vibration	MW	12M	
		2.12	Clean Lube Oil Level Regulator (if Provided) Inlet Bowl & Screen #or each 300H operation	MW	6M#	
		2.13	Test All Automatic Shutdown Devices	MW	24M	
		2.20	Replace Radiator Pressure Cap	MW	24M	
		2.21	Fan Belt - Check Tension	MW	12M	
		2.23	Check Immersion Heater	MW	12M	
		2.26	Clean & Inspect Engine Control Cabinet Wiring, Relays & Switches	MW	12M	
		2.27	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.32	Clean & Inspect Commutator, Slots, & Collector Rings	MW	12M	
		3.33.1	Alternator Cable Insulator Check #or 500H operation	MW	12M#	
		2.35	Clean & Inspect Starting Motor & Bendix Drive	MW	12M	
		2.36	Check Cranking Cutout Device	MW	12M	
		2.37	Inspect Solenoid Switch	MW	30M	
		2.39	Routine Run - Approx. 1 Hour Routine Run - 7 Hours Check Water Level & Fuel Supply	MW	W 12M M	
155-178-301	3		KS15890 ENGINE ALTERNATOR 30, 45, 60, & 100KW			
		3.05-	Test All Alarms	MW	12M	
		3.08	(30, 45, 60, & 100KW Sets)			
155-178-302	2		Deleted			
155-145-311	2		ENGINE ALTERNATORS KS15890— J86621 MAIN CONTROL CABINET			
		2.07	Test Operation of Timers	MW	12M	
		2.11	Clean & Inspect J86621 Cabinet Wiring, Relays, & Switches	MW	12M	
155-165-311	2		ENGINE ALTERNATORS KS15890— J86624 MAIN CONTROL CABINET			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-165-311	2		(Cont)			
			<i>Clean & Inspect Cabinet & Relays</i>	<i>MW</i>	<i>12M</i>	
		3.03	<i>Test Operation of Timers</i>	<i>MW</i>	<i>12M</i>	
155-180-701	2		ENGINE ALTERNATOR KS15899 350KW			
			AUTOMATICALLY & MANUALLY CONTROLLED			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	<i>MW</i>	<i>M=</i>	
			<i>#and prior each run and 8H operation</i>			
			<i>Governor Linkage Joints</i>	<i>MW</i>	<i>6M=</i>	
			<i>Overspeed Trips (Early Models)</i>	<i>MW</i>	<i>M=</i>	
			<i>#or 25H operation</i>			
			<i>Air Cleaners (2.16)</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
			<i>Alternator Bearing</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 150H operation</i>			
			<i>Starting Motor & Bendix Drive Bearing</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 100H operation</i>			
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>12M=</i>	
			<i>Lube Oil Filter (2.14)</i>	<i>MW</i>	<i>12M=</i>	
			<i>#or 500H operation</i>			
			<i>Governor</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 500H operation</i>			
			<i>Radiator Motor Fan Bearings</i>	<i>MW</i>	<i>6M=</i>	
			<i>Radiator Fan Bearings</i>	<i>MW</i>	<i>6M=</i>	
			<i>#or 300H operation</i>			
		2.08	<i>Starting Solenoid Switch</i>	<i>MW</i>	<i>30M</i>	
		2.12	<i>Fuel Oil Filter</i>	<i>MW</i>	<i>250H</i>	
		2.13	<i>Fuel Oil Strainer</i>			
			<i>Clean by Rotating Handle</i>	<i>MW</i>	<i>8H</i>	
			<i>Remove & Clean</i>	<i>MW</i>	<i>12M</i>	
		2.17	<i>Inspect for Leaks & Excessive Noise &</i>	<i>MW</i>	<i>12M</i>	
			<i>Vibration</i>			
		2.19	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.26	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Radiator Fan Low Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.28	<i>Radiator Fan High Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Heat Exchanger Water Pump Switch</i>	<i>MW</i>	<i>12M</i>	

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-180-701	2		(Cont)			
		2.32	Clean & Inspect Brush Holders & Brushes	MW	12M	
		2.37	Clean & Inspect Commutator, Collector Rings, & Commutator Slots	MW	12M	
			Clean & Inspect Starting Motor & Bendix Drive	MW	12M	
			Inspect Starting Solenoid Switch	MW	30M	
		2.39	Starting Battery Specific Gravity (Lead-acid Only)	MW	6M	
			Electrolyte Level (Lead-acid)	MW	3M	
			Electrolyte Level (Nickel-cadmium)	MW	12M	
			Cell & Battery Voltages (Nickel-cadmium)	MW	3M	
			Cell & Battery Voltages (Lead-acid)	MW	M	
		2.40	Routine Run - 3 Hours	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
			Main Control Cabinet—Clean & Inspect Wiring, Relays, & Switches	MW	12M	
		2.41	Struthers Dunn Relays - Section 040-801-701	MW	12M	
			Automatic Switch Co. Relays Section 040-804-701	MW	12M	
		2.42	Test Operation of Timers (Auto Sets)	MW	12M	
		3.18	Lube Oil Level Reg Bowl & Inlet Screen Cleaned	MW	6M=	
			±or 300H operation			
155-180-301	2		ENGINE ALTERNATOR KS15899			
			L1, L2, L11, & L12			
		3.03	Test All Alarms	MW	12M	
155-180-302	2		ENGINE ALTERNATOR KS15899			
			L3, L4, L13, & L14			
		3.06	Test All Alarms	MW	12M	
155-185-701	2		ENGINE ALTERNATOR KS15929 225KW			
			L1, 2, 11, & 12 MANUAL & AUTOMATIC			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			±and prior each run & 8H operation			
			Throttle Solenoid Linkage	MW	M=	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-185-701	2		(Cont)			
			<i>Air Shutdown Valve Shaft Bushing</i>	MW	M#	
			<i>Fuel Rack, Solenoid Pivot Shaft</i>	MW	M#	
			<i>Governor Linkage Joints</i>	MW	M#	
			<i>Overspeed Cutoff Device</i>	MW	M#	
			#or 25H operation			
			<i>Change Crankcase Oil (or Oil Analysis)</i>	MW	12M#	
			<i>Lube Oil Filters (2.14)</i>	MW	12M#	
			#or 150H operation			
			<i>Air Cleaners (2.18)</i>	MW	6M#	
			#or 75H operation			
			<i>Alternator Bearing</i>	MW	6M#	
			<i>Starting Motor & Bendix Drive Bearings</i>	MW	6M#	
			#or 150H operation			
		2.12	<i>Fuel Oil Strainer & Filters</i>	MW	500H	
		2.15	<i>Governor Filter</i>	MW	250H	
		2.16	<i>Lube Oil Cooler & Heat Exchanger</i>	MW	12M	
		2.17	<i>Air Box Drains & Tanks</i>			
			<i>Empty Tanks</i>	MW	8H	
			<i>Clean Tubes</i>	MW	500H	
		2.19	<i>Inspect for Leaks &</i>	MW	12M	
			<i>Excessive Noise & Vibration</i>			
		2.20	<i>Test All Automatic Shutdown Devices</i>	MW	12M	
		2.28	<i>Replace Heat Exchanger &</i>	MW	24M	
			<i>Radiator Pressure Cap</i>			
		2.29	<i>Fan Belt - Check Tension</i>	MW	12M	
		2.30	<i>Radiator Fan Low Speed Switch</i>	MW	12M	
		2.31	<i>Radiator Fan High Speed Switch</i>	MW	12M	
		2.32	<i>Heat Exchanger Water Pump Switch</i>	MW	12M	
		2.35	<i>Check Immersion Heater</i>	MW	12M	
		2.36	<i>Ether Starting Device</i>	MW	24M	
		2.37	<i>Water Temperature Regulator</i>	MW	12M	
		2.39	<i>Clean & Inspect Brush Holders & Brushes</i>	MW	12M	
		2.44	<i>Clean & Inspect Collector Rings</i>	MW	12M	
		2.46	<i>Clean & Inspect Starting Motor &</i>	MW	12M	
			<i>Sprag Clutch</i>			
		2.47	<i>Starting Solenoid Switch</i>	MW	30M	

EQUIPMENT TEST LIST						
B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-185-701	2		(Cont)			
		2.49	Routine Run - 3 Hours	MW	W	
			Routine Run - 7 Hours	MW	12M	
			Check Water Level & Fuel Supply	MW	M	
		2.50	Clean & Inspect Control Cabinet	MW	12M	
			Wiring, Relays, & Switches			
155-185-301	2		ENGINE ALTERNATORS KS15929 L1 & L11			
		3.03-	Test All Alarms	MW	12M	
		3.06	Manual Operation			
155-185-302	2		ENGINE ALTERNATORS KS15929 L2 & L12			
		3.07-	Test All Alarms	MW	12M	
		3.10	Automatic Operation			
155-187-701	2		ENGINE ALTERNATOR KS15954			
			L1, 2, 3, 4, 11, 12, 13, & 14			
			(350KW - CATERPILLAR MANUAL & AUTOMATIC)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M=	
			=and prior each run & 8H operation			
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or 300H operation			
			Check Governor Oil Level	MW	M	
			Change Governor Oil	MW	6M=	
			=or 300H operation			
			Alternator Bearings	MW	6M=	
			=or 150H operation			
			Radiator Fan Bearings	MW	6M=	
			Radiator Fan Motor	MW	6M=	
			Governor Motor Bearings	MW	6M=	
			=or 300H operation			
			Governor Linkage Joints	MW	6M	
			Starting Motor Bearings	MW	100H	
			Bendix Drive Bearing	MW	24M	
			Pinion Screw Shaft	MW	24M	
		2.08	Starting Solenoid Switch	MW	30M	
		2.12	Fuel Oil Filter	MW	12M=	
			=or 250H operation			
		2.13	Fuel Oil Strainer			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-187-701	2		(Cont)			
			<i>Clean by Rotating Handle</i>	<i>MW</i>	<i>8H</i>	
			<i>Remove & Clean</i>	<i>MW</i>	<i>12M</i>	
		2.14	<i>Replace Lube Oil Filter Elements</i>	<i>MW</i>	<i>12M=</i>	
			<i>±or 300H operation</i>			
		2.15	<i>Lube Oil Cooler, Heat Exchanger, &</i>	<i>MW</i>	<i>12M</i>	
			<i>Aftercooler</i>			
		2.16	<i>Air Cleaner</i>	<i>MW</i>	<i>12M=</i>	
			<i>±or 1000H operation</i>			
		2.17	<i>Inspect for Leaks & Excessive Noise</i>	<i>MW</i>	<i>12M</i>	
			<i>& Vibration</i>			
		2.18	<i>Turbocharger Oil Pressure Switch</i>	<i>MW</i>	<i>12M</i>	
		2.19	<i>Clean Lube Oil Level Reg. Inlet Screen</i>	<i>MW</i>	<i>6M=</i>	
			<i>& Bowl (if Provided)</i>			
			<i>±or each 300H operation</i>			
		2.20	<i>Test All Automatic Shutdown Devices</i>	<i>MW</i>	<i>12M</i>	
		2.24	<i>Check Prel. HWT Switch</i>	<i>MW</i>	<i>12M</i>	
		2.27	<i>Fan Belt - Check Tension</i>	<i>MW</i>	<i>12M</i>	
		2.28	<i>Radiator Fan Low Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.29	<i>Radiator Fan High Speed Switch</i>	<i>MW</i>	<i>12M</i>	
		2.30	<i>Heat Exchanger Water Pump Switch</i>	<i>MW</i>	<i>12M</i>	
		2.33	<i>Clean & Inspect Brush Holders & Brushes</i>	<i>MW</i>	<i>12M</i>	
		2.38	<i>Clean & Inspect Commutator &</i>	<i>MW</i>	<i>12M</i>	
			<i>Collector Rings</i>			
			<i>Clean & Inspect Starting Motor &</i>	<i>MW</i>	<i>12M</i>	
			<i>Bendix Drive</i>			
		2.42	<i>Routine Run - 3 Hours</i>	<i>MW</i>	<i>W</i>	
			<i>Routine Run - 7 Hours</i>	<i>MW</i>	<i>12M</i>	
			<i>Check Water Level & Fuel Supply</i>	<i>MW</i>	<i>M</i>	
		2.43	<i>Control Cabinet</i>			
			<i>Clean & Inspect Cabinet Wiring, Relays,</i>	<i>MW</i>	<i>12M</i>	
			<i>Switches, & Equipment</i>			
155-187-301	2		ENGINE ALTERNATORS KS15954 L1, 2, 11, & 12			
		3.03	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-187-302	2		ENGINE ALTERNATORS KS15954 L3, 4, 13, & 14			
		3.06	<i>Test All Alarms</i>	<i>MW</i>	<i>12M</i>	
155-188-701	1		MOTOR ALTERNATOR KS19203 L1 & 2			

EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-188-701	1		(Cont)			
		2.03	Inspect Speed Regulator	MW	12M	
		2.06	Check All Rotating Parts	MW	12M	
		2.10	Clean & Inspect Commutator & Collector Rings	MW	3M	
		2.11	Clean & Inspect Brush Holders & Brushes	MW	3M	
		2.14	Check Temperature	MW	3M	
155-189-701	2		ENGINE ALTERNATOR KS19587 115KW AUTOMATIC-MANUAL (LISTS 1 AND 2)			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	=	
			=before each run and 8H operation			
			Alternator Bearing	MW	=	
			=First 6M, then every 2000H operation or 12M			
			Starting Motor Bearings	MW	12M=	
			=or every 150H operation			
			Sprag Clutch Bearing	MW	24M	
			Change Crankcase Oil (or Oil Analysis)	MW	12M=	
			=or every 100H operation			
			Lube Oil Level Reg & Clean Screen	MW	6M=	
			=or every 300H operation			
			Remote Radiator Fan Motor Bearings	MW	12M=	
			=or every 1000H operation			
		2.07	Fuel Injectors	MW	=	
			=every 1000H operation			
		2.08	Fuel Oil Filters	MW	12M=	
			=or every 500H operation			
		2.09	Lube Oil Filter	MW	12M=	
			=or every 100H operation			
		2.10	Bypass Lube Oil Filter	MW	12M=	
			=or every 100H operation			
		2.11	Lube Oil Cooler	MW	=	
			=as required			
		2.12	Air Cleaners	MW	=	
			=every 50H operation			
		2.13	Inspect for Leaks, Excessive Noise, & Vibration	MW	12M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-189-701	2		(Cont)			
		2.14	Test All Automatic Shutdown Devices	MW	12M	
		2.20	Fan Belt—Check Tension	MW	=	
			#every 100H operation			
		2.24	Immersion Heater	MW	12M#	
			#0r every 1000H operation			
		2.25	Clean Alternator, Exciter, &	MW	=	
			Voltage Regulator			
			#as required			
		2.30	Routine Run—1 Hour	MW	W	
			Routine Run—7 Hours	MW	12M	
			Check Lube Oil Supply Tank	MW	M#	
			#or as required			
			Check Water Level & Fuel Supply	MW	M#	
			#or as required			
			Clean & Inspect Main Control Cabinet	MW	12M	
			Wiring, Relays, Switches, & Equipment			
155-189-301	1		ENGINE ALTERNATORS KS19587 L1 & L2			
		3.06	Test Alarms	MW	3M	
155-191-701	1		ENGINE ALTERNATORS, KS19583 30KW			
			KS19584 45KW, AUTOMATIC-MANUAL			
		2.01	Lubrication			
			Check Crankcase Oil Level	MW	M#	
			#and start of run and each 8H operation			
			Governor Linkage Joints	MW	M#	
			#or every 25H operation			
			Alternator Bearing	MW	24M#	
			#or every 9000H operation			
			Air Shutdown Valve Shaft Bearing	MW	6M	
			Clean Lube Oil Level Reg. (if Provided)	MW	6M#	
			Inlet Screen & Bowl			
			Starting Motor Bearings	MW	12M#	
			#or every 300H operation			
			Sprag Clutch	MW	24M	
			Change Crankcase Oil (or Oil Analysis)	MW	12M#	
			#or every 100H operation			
			Governor Filter & Reservoir	MW	12M#	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-191-701	1		(Cont)			
			#or every 100H operation			
			<i>Governor Motor Bearings</i>	MW	6M	
			<i>Radiator Fan Bearings</i>	MW	60M	
		2.08	<i>Fuel Oil Filters</i>	MW	6M#	
			#or every 300H operation			
		2.10	<i>Lube Oil Filter</i>	MW	12M#	
			#or every 100H operation			
		2.11	<i>Lube Oil Cooler</i>	MW	=	
			=as required			
		2.12	<i>Air Cleaners</i>	MW	6M	
		2.13	<i>Air Box Drains & Tanks</i>	MW	12M#	
			=or every 300H operation			
		2.14	<i>Inspect for Leaks, Excessive Noise & Vibration</i>	MW	12M	
		2.15	<i>Test All Automatic Shutdown & Alarm Devices</i>	MW	12M	
		2.26	<i>Fan Belt—Check Tension</i>	MW	6M=	
			=or every 300H operation			
		2.29	<i>Immersion Heater</i>	MW	6M=	
			=or every 300H operation			
		2.30	<i>Clean Alternator, Exciter & Voltage Regulator</i>	MW	=	
			=as required			
		2.33	<i>Solenoid Switch</i>	MW	30M	
		2.36	<i>Routine Run—1 Hour</i>	MW	W	
			<i>Routine Run—7 Hours</i>	MW	12M	
			<i>Check Water Level & Fuel Supply</i>	MW	M=	
			=or as required			
			<i>Clean & Inspect Main Control Cabinet Wiring, Relays, Switches, & Equipment</i>	MW	12M	
155-191-301	1		ENGINE ALTERNATORS KS19583 & KS19584			
		3.06	<i>Test Alarms</i>	MW	3M	
155-192-701	1		ENGINE ALTERNATORS KS19585 75KW KS19586 115KW, AUTOMATIC-MANUAL			
		2.01	<i>Lubrication</i>			
			<i>Check Crankcase Oil Level</i>	MW	M=	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
155-192-701	1		(Cont)			
			#and start of run and each 8H operation			
			<i>Governor Linkage Joints</i>	<i>MW</i>	<i>M#</i>	
			#or every 25H operation			
			<i>Alternator Bearing</i>	<i>MW</i>	<i>24M#</i>	
			#or every 9000H operation			
			<i>Starting Motor Bearings</i>	<i>MW</i>	<i>12M#</i>	
			#or every 300H operation			
			<i>Sprag Clutch</i>	<i>MW</i>	<i>24M</i>	
			<i>Change Crankcase Oil (or Oil Analysis)</i>	<i>MW</i>	<i>12M#</i>	
			#or every 100H operation			
			<i>Governor Filter & Reservoir</i>	<i>MW</i>	<i>12M#</i>	
			#or every 100H operation			
			<i>Governor Motor Bearings</i>	<i>MW</i>	<i>6M</i>	
			<i>Radiator Fan Bearings</i>	<i>MW</i>	<i>60M</i>	
			<i>Lube Oil Level Regulator Inlet Screen</i>	<i>MW</i>	<i>6M#</i>	
			#or every 300H operation			
			<i>Air Shutdown Valve Shaft Bearing</i>	<i>MW</i>	<i>6M</i>	
		2.08	<i>Fuel Oil Filters</i>	<i>MW</i>	<i>6M#</i>	
			#or every 300H operation			
		2.10	<i>Lube Oil Filter</i>	<i>MW</i>	<i>12M#</i>	
			#or every 100H operation			
		2.11	<i>Lube Oil Cooler</i>	<i>MW</i>	<i>=</i>	
			#as required			
		2.12	<i>Air Cleaners</i>	<i>MW</i>	<i>6M</i>	
		2.13	<i>Air Box Drains & Tanks</i>	<i>MW</i>	<i>12M#</i>	
			#or every 300H operation			
		2.14	<i>Inspect for Leaks, Excessive Noise, & Vibration</i>	<i>MW</i>	<i>12M</i>	
		2.15	<i>Test All Automatic Shutdown & Alarm Devices</i>	<i>MW</i>	<i>12M</i>	
		2.26	<i>Fan Belt—Check Tension</i>	<i>MW</i>	<i>6M#</i>	
		2.27	<i>Remote Radiator Fan Belt—Check Tension</i>	<i>MW</i>	<i>6M#</i>	
		2.30	<i>Immersion Heater</i>	<i>MW</i>	<i>6M#</i>	
			#or every 300H operation			
		2.31	<i>Clean Alternator, Exciter, & Voltage Regulator</i>	<i>MW</i>	<i>=</i>	

