

**POWER SYSTEMS
EQUIPMENT TEST LIST**

FOR

**EXHAUSTER SETS, FANS,
TUBE COOLING SYSTEMS,
AND VENTILATING EQUIPMENT**

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.
161-405-701	3		KS-5265 EXHAUSTER SETS			
		2.02	<i>Lubrication of Motor</i>			
		A	<i>Ball Bearings</i>	MW	3Y	
		B	<i>Sleeve Bearings</i>	MW	M	
		C	<i>Check Oil Pump Operation</i>	MW	M	
		D	<i>Clean Oil Strainer</i>	MW	12M	
		E	<i>Replace Oil</i>	MW	12M	
		2.03	<i>Check End Play</i>	MW	12M	
161-408-701	4		CENTRIFUGAL FANS			
		2.01	<i>Motor Lubrication (If Possible)</i>			
			<i>With Pressure Fittings and Drain Plugs</i>	MW	12M	
			<i>Without Pressure Fittings and Drain Plugs</i>	MW	3Y	
161-412-701	4		Portable Exhauster Sets D96738, D97067, KS-8038 AND KS-8430			
		2.01	<i>Lubrication</i>			
		A	<i>Wheel Bearings D96738 and D97067</i>	MW	6M	
			<i>(When In Use)</i>			
		B	<i>Motor Bearings D96738 and D97067</i>	MW	M	
			<i>(When In Use)</i>			
		C	<i>Motor Bearings KS-8038 and KS-8430</i>	MW	24M	
			<i>(When In Use)</i>			
		D	<i>Wheel Bearings KS-8038 and KS-8430</i>	MW	6M	
			<i>(When In Use)</i>			
			<i>Note: These Intervals Are Based On 8</i>			
			<i>Hours a Day Operation, 5 Days a</i>			
			<i>Week</i>			
		2.02	<i>Air Delivery Through Exhauster Sets</i>	MW	M	
		2.04	<i>Motor Speed</i>	MW	3M	
		2.06	<i>-2.10 Check Brushes</i>	MW	3M	
		2.12	<i>Temperature</i>	MW	M	
		2.13	<i>Conditioning Motor</i>	MW	4Y	
161-430-701	3		KS-14426 Type Exhauster			
		2.01	<i>Lubrication</i>			
		A	<i>Caster Swivel Bearings</i>	MW	12M	
		B	<i>Motor Bearings</i>	MW	12M	
		2.02	<i>Air Delivery Through Filter Bay</i>	MW	M	
		2.03	<i>Motor Speed</i>	MW	3M	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
161-430-701	3		(Cont)			
		2.04	Motor Temperature	MW	M	
		2.06	Recondition Motor	MW	4Y	
			Note: These Intervals Are Based On 8 Hours			
			Operation a Day, 5 Days a Week			
161-450-701	1		KS-15860 FAN MULTI-STAGE TURBINE TYPE			
		2.01	Motor Bearing Lubrication	MW	6M	
		2.02	Replace List 2 Fan Brushes	MW	12M	
		2.03	Clean List 2 Fan Commutator	MW	6M	
161-452-701	3		BLOWER MOTORS KS-15553 AND FANS KS-15875			
		2.01	Lubrication of Bearings of KS-15553 Motors	MW	24M	
		2.02	Replace Bearings KS-15553 Motors	MW	3Y	
		2.04	Temperature of KS-15553 Motors	MW	3M	
		2.05	Replace Air Filter KS-15875 Fan	MW	12M	
161-458-701	1		KS-15800 BLOWERS AND ASSOCIATED AIR FILTERS USED IN J86273 RECTIFIERS			
		2.01	Lubricate Motor Bearings	MW	12M	
		2.05	Test Air Flow Switch	MW	12M	
		2.06	Replace Air Filter	MW	12M	
161-470-701	2		KS-5794 AIR BLOWER			
		2.01	Lubrication			
		A	Motor Bearings With Setscrews	MW	12M	
		B	DC Motors with Sealed Bearings	MW	3Y	
		C	AC Motors	MW	3Y	
		2.03	Replace Filter Cell	MW	#	
			# See Chart in BSP			
		2.04	Inspect Housing for Leaks	MW	12M	
		2.05	Tightness of Flapper Valve Felts	MW	12M	
		2.06	Operation of Flapper Valve	MW	12M	
161-475-301	3		J86486 TUBE COOLING SYSTEM			
		3.01	Start Idle Blowers	MW	M	
		3.02	Check That Shutoff Valves Are Locked Open	MW	M	
		3.03	Check Release of AC1 Relay	MW	M	
		3.04	Check Operation of AC2 Relay	MW	M	
		3.05	Check Operation of DC Blowers	MW	M	
		3.06	Replace Blower Intake Filters	MW	12M	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
161-476-301	1		J68416A TH RADIO TUBE COOLING SYSTEM			
		3.02	Remove AC Blower From Service	MW	W	
		3.04	Check Operation of DC Blowers	MW	W	
		4.02	Check Air Filters	MW	M	
		4.03	Lubrication	MW	M	
		4.04	Motor Brushes	MW	12M	
		4.05	Check DC Blowers	MW	W	
		4.06	Check Shutoff Valves Locked	MW	W	
		4.07	AC Monitor Circuits	MW	M	
		4.09	Time Delay Relays	MW	M	
161-480-701	2		POWER ROOM VENTILATION AND AIR DISCHARGE			
			DUCT EQUIPMENT			
		2.01	Lubrication			
		B	Lubricate Shutters	MW	12M	
		C	Lubricate Fan Bearings	MW	3Y	
		2.18	M204A Type Shutter Motors			
		A	Operation	MW	12M	
		B	Check of Switch Contacts	MW	12M	
		C	Check of Contact Pressure	MW	12M	
		2.19	M904E Type Shutter Motors			
		A	Operation	MW	12M	
		B	Check of Switch Contacts	MW	12M	
		C	Check of Contact Pressure	MW	12M	
		D	Check of Limit Switches	MW	12M	
		E	Check of Balancing Pot	MW	12M	
		F	Check of Wiper Arm Contact Press	MW	12M	
		G	Check of Movable Contact	MW	12M	
		H	Check Contact Separation	MW	12M	
		2.20	T915C Type Controllers			
		A	Wiper Arm Position	MW	12M	
		B	Check of Contact Surfaces of Pot	MW	12M	
		C	Contact Pressure	MW	12M	
		2.21	Room Thermostat Check	MW	12M	
		2.22	Check Air Filter	MW	12M	