

EQUIPMENT TEST LIST
AIR DRYERS AND COMPRESSORS
POWER SYSTEMS EQUIPMENT

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NOTICE

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SECTION 161-001-011

13.0 AIR DRYR,COMPRSR

13.1 AIR DRYR,COMPRSR; KS-15587

FOR ALL UNITS

161-378-701	(1/0)	1.07	INSPECT DESICCANT MATERIAL COLOR	MW	M	-----
		2.01	CHECK MERCURY BYPASS VALVE LEVEL	MW	12M	-----
		2.03	CHECK AIR FLOW IN BYPASS CONDITION	MW	12M	-----
		2.04	CHECK AIR FLOW THROUGH NORMAL PATH	MW	12M	-----
		2.05	CHECK MERCOID PRESSURE SWITCH OPERATION	MW	6M	-----

13.2 AIR DRYR,COMPRSR; KS-16432 L1

FOR ALL UNITS

161-304-701	(1/0)	4.06	(4.06 - 4.09) CLEAN DRYER EQUIPMENT	MW	3M	-----
		4.10	(A) CHECK OPERATION	MW	6M	-----
		4.10	(B1) CHECK OIL LEVEL	MW	W	-----
		4.10	(B2) CHANGE CRANKCASE OIL	MW	12M	-----
		4.10	(C) SERVICE AIR FILTER	MW	3M	-----
		4.10	(D) CHECK DRIVE BELT TENSION	MW	3M	-----
		4.10	(E) CHECK BREATHER VALVE	MW	3M	-----
		4.10	(F) CHECK SUCTION UNLOADER AND DISCHARGE VALVES	MW	12M	-----
		4.11	(A) LUBRICATE MOTOR BEARINGS	MW	12M	-----
		4.12	CHECK COMPRESSOR DISCHARGE LINE VALVE	MW	6M	-----
		4.13	CHECK TANK SAFETY RELIEF VALVE OPERATION	MW	6M	-----
		4.14	(A) PILOT UNLOADER OPERATION CHECK	MW	6M	-----
		4.14	(B) CHECK PILOT UNLOADER ADJUSTMENT	MW	6M	-----
		4.14	(C) PILOT UNLOADER CLEANING PROCEDURE	MW	6M	-----
		4.15	DRAIN CONDENSATION TANK	MW	W	-----
		4.16	CHECK PRESSURE REGULATOR OPERATION	MW	6M	-----
		4.17	(A) CHECK HIGH PRESSURE ALARM ADJMT	MW	6M	-----
		4.17	(B) CHECK LOW PRESSURE ALARM ADJMT	MW	6M	-----
		4.17	(C) CHECK PRESSURE ALARM OPERATION	MW	6M	-----
		4.18	HUMIDITY-SENSING ELEMENT INSPECTION	MW	3M	-----
		4.18	REPLACE HUMIDITY-SENSING ELEMENT	MW	12M	-----
		4.19	CHECK HUMIDITY ALARM OPERATION	MW	6M	-----
		4.20	CHECK TANK TEMPERATURE	MW	6M	-----
		4.21	CHECK (4.21 - 4.22) REFRIGERATION THERMOSTAT OPERATION	MW	6M	-----
		4.22	FINAL INSPECTION	MW	3M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

DRYERS WITH SERIAL NUMBERS BELOW 3000

161-304-701	(1/0)	4.11	(B) CHECK MOTOR-CHASSIS GROUND	MW	12M	-----
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ALARM WITH RECTANGULAR HOUSING

161-304-701	(1/0)	4.17	(D1) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW	3M	-----
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ALARM WITH CYLINDRICAL HOUSING

161-304-701	(1/0)	4.17	(D2) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW 3M	-----
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TROUBLE TESTS

161-304-701	(1/0)	6.01	(6.01 - 6.02) DIAGNOSING ALARM OPERATION	TT	-----
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13.3 AIR DRYR,COMPRSR;KS-16432 L2

FOR ALL UNITS

161-305-701	(6/1)	4.06	(4.06 - 4.09) CLEAN DRYER EQUIPMENT	MW 3M	-----
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4.10	(4.23 & 4.25)	CHECK TANK TEMPERATURE	MW 3M	-----
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4.10	(A)	CHECK OPERATION	MW 6M	-----
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4.10	(B1)	CHECK OIL PRESSURE AND OIL LEVEL	MW 3M	-----
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4.10	(B2)	CHANGE CRANKCASE OIL	MW 12M	-----
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4.10	(D)	CHECK DRIVE BELT TENSION	MW 3M	-----
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4.10	(E)	CHECK SUCTION UNLOADER AND DISCHARGE VALVES	MW 12M	-----
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4.11		LUBRICATE MOTOR BEARINGS	MW 12M	-----
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4.12		CHECK TANK SAFETY RELIEF VALVE OPERATION	MW 6M	-----
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4.13	(A)	PILOT UNLOADER OPERATION CHECK	MW 6M	-----
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4.13	(B)	CHECK PILOT UNLOADER ADJUSTMENT	MW 6M	-----
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4.13	(C)	PILOT UNLOADER CLEANING PROCEDURE	MW 6M	-----
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4.14		CLEAN WATER EJECTOR	MW 6M	-----
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4.15		CLEAN WATER DRAIN STRAINER	MW 12M	-----
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4.16		CLEAN WATER DRAIN OUTLET ORIFICE	MW 12M	-----
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4.17	(4.17 - 4.18)	DRAIN CONDENSATION TANK	MW 3M	-----
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4.19		CHECK PRESSURE REGULATOR OPERATION	MW 6M	-----
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4.20	(A)	CHECK HIGH PRESSURE ADJMT	MW 6M	-----
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4.20	(B)	CHECK LOW PRESSURE ADJMT	MW 6M	-----
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4.20	(C)	CHECK PRESSURE ALARM OPERATION	MW 6M	-----
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4.21	(1 - 5)	HUMIDITY SENSING ELEMENT INSPECTION	MW 6M	-----
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4.21	(6)	REPLACE HUMIDITY SENSING ELEMENT	MW 12M	-----
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4.22		CHECK HUMIDITY ALARM OPERATION	MW 6M	-----
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4.23	(4.23 & 4.25)	CHECK TANK TEMPERATURE	MW 6M	-----
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4.24	(4.24 & 4.25)	CHECK REFRIGERATION THERMOSTAT OPERATION	MW 6M	-----
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4.26		FINAL INSPECTION CHECK	MW 3M	-----
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OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

ALARM WITH RECTANGULAR HOUSING

161-305-701	(1/0)	4.20	(D1) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW 3M	-----
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ALARM WITH CYLINDRICAL HOUSING

161-305-701	(1/0)	4.20	(D2) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW 3M	-----
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TROUBLE TESTS

161-305-701	(1/0)	6.01	(6.01 - 6.02) DIAGNOSING ALARM OPERATION	TT	-----
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13.4 AIR DRYR,COMPRSR; KS-16523 L1

FOR ALL UNITS

161-307-701 (4/0)	4.06	(4.06 - 4.09) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.10	(A1) CHECK OIL PRESSURE AND OIL LEVEL	MW 3M	-----
	4.10	(A2) CHANGE CRANKCASE OIL	MW 12M	-----
	4.10	(B) CHECK OPERATION	MW 3M	-----
	4.10	(C) SERVICE AIR FILTER	MW 3M	-----
	4.10	(D) CHECK DRIVE BELT TENSION	MW 3M	-----
	4.10	(E) CHECK SUCTION UNLOADER AND DISCHARGE VALVES	MW 12M	-----
	4.12	CHECK TANK SAFETY RELIEF VALVE OPERATION	MW 3M	-----
	4.13	(A) PILOT UNLOADER OPERATION CHECK	MW 3M	-----
	4.13	(B) PILOT UNLOADER ADJUSTMENT	MW 3M	-----
	4.13	(C) PILOT UNLOADER CLEANING PROCEDURE	MW 6M	-----
	4.14	CLEAN WATER EJECTOR	MW 6M	-----
	4.15	CLEAN WATER DRAIN OUTLET ORIFICE	MW 6M	-----
	4.16	DRAIN CONDENSATION TANK	MW 3M	-----
	4.17	CHECK PRESSURE REGULATOR OPERATION	MW 3M	-----
	4.19	CHECK HIGH PRESSURE ALARM ADJMT	MW 3M	-----
	4.20	CHECK LOW PRESSURE ALARM ADJMT	MW 3M	-----
	4.21	CHECK PRESSURE ALARM OPERATION	MW 3M	-----
	4.23	(1 - 6) INSPECT HUMIDITY SENSING ELEMENT	MW 3M	-----
	4.23	(7) REPLACE HUMIDITY SENSING ELEMENT	MW 12M	-----
	4.24	CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
	4.26	(1) CHECK TANK TEMPERATURE	MW 3M	-----
	4.26	(2) CHECK REFRIGERATION THERMOSTAT OPERATION	MW 3M	-----
	4.27	FINAL INSPECTION CHECK	MW 3M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

ALARM WITH RECTANGULAR HOUSING

161-307-701 (4/0)	4.22	(1) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW 3M	-----
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ALARM WITH CYLINDRICAL HOUSING

161-307-701 (4/0)	4.22	(2) CHECK HIGH AND LOW PRESSURE ALARM ADJMT	MW 3M	-----
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TROUBLE TESTS

161-307-701 (4/0)	6.01	(6.01 - 6.03) DIAGNOSING ALARM OPERATION	TT	-----
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13.5 AIR DRYER, COMPRSR; KS-20183 L1, L2 DIELECTRIC COMMUNICATIONS

FOR ALL UNITS

161-309-701 (4/0)	4.03	(4.03 - 4.06) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.07	INTAKE AIR FILTER CANNISTER REPLACEMENT (OR WHENEVER DIRTY)	MW 3M	-----
	4.14	(4.14 - 4.16) CHECK LOW PRESSURE ALARM OPERATION AND ADJMT	MW 3M	-----
	4.17	(4.17 - 4.18) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
	4.19	REPLACE HUMIDITY SENSING ELEMENT	MW 12M	-----

161-309-701 (4/0)	4.20	(4.20 - 4.21) CHECK BLOWN FUSE LIGHT OPERATION	MW 3M	-----
	4.22	REPLACE TIMER ASSEMBLY	MW 60M	-----
	4.23	FINAL INSPECTION CHECK	MW 3M	-----
OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY				
EQUIPPED WITH KS-15707 L3 BLOWER				
161-309-701 (4/0)	4.09	BLOWER REPLACEMENT	MW 48M	-----
EQUIPPED WITH KS-20766 L1 BLOWER				
161-309-701 (4/0)	4.10	(1.02 & 4.10) BLOWER REPLACEMENT	MW 48M	-----
EQUIPPED WITH A0-96076 ROTRON SPIRAL BLOWER				
161-309-701 (4/0)	4.10	(4.10 - 4.13) BLOWER REPLACEMENT	MW 48M	-----
13.6 AIR DRYR, COMPRSR; KS-20183 L2, L3 AJAX MAGNETHERMIC				
FOR ALL UNITS				
161-309-702 (2/0)	4.03	(4.03 - 4.06) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.07	REPLACE INTAKE AIR FILTER CANNISTER (WHENEVER DIRTY OR PER REPLACEMENT CHART)	MW 3M	-----
	4.11	REPLACE A0-96076 ROTRON SPIRAL BLOWER	MW 48M	-----
	4.12	(4.12 - 4.14) CHECK LOW PRESSURE ALARM OPERATION AND ADJMT	MW 3M	-----
	4.15	(4.15 - 4.16) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
	4.17	REPLACE HUMIDITY SENSING ELEMENT	MW 12M	-----
	4.18	(4.18 - 4.19) CHECK BLOWN FUSE LIGHT OPERATION	MW 3M	-----
	4.20	REPLACE TIMER ASSEMBLY	MW 60M	-----
	4.21	FINAL INSPECTION CHECK	MW 3M	-----
TROUBLE TESTS				
161-309-702 (2/0)	5.01	DIAGNOSING ALARM OPERATION	TT	-----
13.7 AIR DRYR, COMPRSR; KS-21403 L1 AIR DRYER				
FOR ALL UNITS				
161-310-701 (2/0)	4.03	(4.03 - 4.05) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.06	REPLACE INTAKE AIR FILTER CANNISTER (OR WHENEVER DIRTY)	MW 3M	-----
	4.09	CHECK BLOWER ADJMT	MW 6M	-----
	4.10	REPLACE CHE-1 ROTRON BLOWER WH KS-21784 L1 BLOWER	MW 48M	-----
	4.11	(4.11 - 4.13) CHECK LOW PRESSURE ALARM OPERATION AND ADJMT	MW 3M	-----
	4.14	(4.14 - 4.15) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
	4.16	REPLACE HUMIDITY SENSING ELEMENT	MW 12M	-----
	4.17	(4.17 - 4.18) CHECK BLOWN FUSE LAMP OPERATION	MW 3M	-----
	4.19	REPLACE TIMER ASSEMBLY	MW 60M	-----
	4.20	FINAL INSPECTION CHECK	MW 3M	-----
13.8 AIR DRYR, COMPRSR; KS-20336 L1				
FOR ALL UNITS				

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161-308-701 (2/0)	4.03	REPLACE WATER STRAINER SCREEN AND AIR FILTER	MW 3M	-----
◆	4.04	(4.04 - 4.08) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.09	CHECK PRIMARY FLOAT SWITCH AND SOLENOID VALVE OPERATION	MW 3M	-----
	4.10	CHECK SECONDARY FLOAT SWITCH AND SOLENOID VALVE OPERATION	MW 3M	-----
◆	4.11	(4.11 - 4.13) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
◆	4.14	(4.14 - 4.16) CHECK BYPASS VALVE OPERATION AND ADJMT	MW 3M	-----
◆	4.17	(4.17 - 4.18) CHECK HIGH-LOW PRESSURE ALARM OPERATION	MW 3M	-----
	4.19	CHECK HIGH-LOW PRESSURE ALARM ADJMT	MW 3M	-----
◆	4.20	(4.20 - 4.21) CHECK REFRIGERANT PRESSURE REGULATOR OPERATION	MW 3M	-----
	4.22	FINAL INSPECTION CHECK	MW 3M	-----
TROUBLE TESTS				
◆	161-308-701 (2/0)	5.01 (5.01 - 5.02) DIAGNOSING ALARM OPERATION	TT	-----
◆	13.9 AIR DRYR, COMPRSR; KS-20336 L2, L3			
FOR ALL UNITS				
161-308-702 (2/1)	4.03	REPLACE INTAKE AIR FILTER, WATER STRAINER SCREEN, CONDENSER FILTER, AND POROUS BRONZE FILTER	MW 3M	-----
◆	4.05	(4.05 - 4.08) CLEAN DRYER EQUIPMENT	MW 3M	-----
	4.09	CHECK PRIMARY FLOAT SWITCH AND SOLENOID VALVE OPERATION	MW 3M	-----
	4.10	CHECK SECONDARY FLOAT SWITCH AND SOLENOID VALVE OPERATION	MW 3M	-----
◆	4.15	(4.15 - 4.17) CHECK BYPASS VALVE OPERATION AND ADJMT	MW 3M	-----
◆	4.18	(4.18 - 4.19) CHECK HIGH-LOW PRESSURE ALARM OPERATION	MW 3M	-----
	4.20	CHECK HIGH-LOW PRESSURE ALARM ADJMT	MW 3M	-----
OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY				
KS-20336 L2				
◆	161-308-702 (2/1)	4.11 (4.11 - 4.12, 4.14) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
◆		4.21 (4.21 - 4.22) CHECK REFRIGERANT PRESSURE REGULATOR OPERATION	MW 3M	-----
KS-20336 L3				
◆	161-308-702 (2/1)	4.11 (4.11, 4.13 - 4.14) CHECK HUMIDITY ALARM OPERATION	MW 3M	-----
	4.23	REFRIGERANT PRESSURE REGULATOR RPLCMT	MW 3M	-----
TROUBLE TESTS				
◆	161-308-702 (2/1)	5.01 (5.01 - 5.02) DIAGNOSING ALARM OPERATION	TT	-----
13.10 AIR DRYR, COMPRSR; KS-7491 L1				
FOR ALL UNITS				
161-320-701 (3/1)	2.01	CLEAN EXTERNAL SURFACES	MW 12M	-----
	2.02	(A) CHECK COMPRESSOR RESERVOIR OIL LEVEL	MW 12M	-----

161-320-701 (3/1)	2.02	(B) LUBRICATE WHEEL BEARINGS	MW 12M	-----
	2.02	(C) LUBRICATE MOTOR BEARINGS	MW 12M	-----
	2.03	CHANGE CRANKCASE OIL	MW 12M	-----
	2.04	DRAIN STORAGE TANK AND CONDENSER (OR EVERY 4 HRS OPRN)	MW M	-----
	2.05	CLEAN AIR FILTERS (OR AS REQUIRED)	MW 3M	-----
	2.06	CHECK BELT TENSION	MW 12M	-----
	2.07	CHECK AIR OUTLET PRESSURE DURING OPERATION	MW D	-----
	2.08	CHECK SAFETY VALVE DISCHARGE PRESSURE DURING OPERATION	MW D	-----
	2.09	CHECK UNLOADER VALVE RELEASE PRESSURE DURING OPERATION	MW D	-----
	2.11	CHECK MOTOR SPEED	MW 3M	-----
	2.12	CHECK MOTOR ARMATURE FREEDOM OF ROTATION	MW 3M	-----
	2.13	CHECK BRUSH FIT	MW 12M	-----
	2.14	CHECK BRUSH PRESSURE	MW 12M	-----
	2.15	INSPECT COMMUTATOR SURFACE	MW 12M	-----
	2.16	CHECK OPERATING TEMPERATURE	MW 12M	-----
	2.17	RECONDITION MOTOR	MW 36M	-----
13.11 AIR DRYR,COMPRSR; KS-14514 L1				
FOR ALL UNITS				
161-330-701 (3/2)	2.01	CLEAN EXTERNAL SURFACES	MW 12M	-----
	2.02	(A) CHANGE CRANKCASE OIL	MW 12M	-----
	2.02	(B) LUBRICATE CASTER SWIVEL BEARINGS	MW 12M	-----
	2.02	(C) LUBRICATE MOTOR BEARINGS	MW 12M	-----
	2.03	DRAIN CRANKCASE OIL AND FLUSH CRANKCASE	MW 3M	-----
	2.05	CHECK AIR INLET FILTER	MW D	-----
	2.06	CHECK BELT TENSION	MW 12M	-----
	2.07	CHECK AIR OUTLET PRESSURE	MW D	-----
	2.08	CHECK SAFETY VALVE DISCHARGE PRESSURE	MW D	-----
	2.09	CHECK PILOT VALVE UNLOADER PRESSURES	MW D	-----
	2.10	CHECK MOTOR SPEED	MW 3M	-----
	2.11	CHECK OPERATING TEMPERATURE	MW 12M	-----
	2.13	RECONDITION MOTOR	MW 36M	-----
OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY				
COMPRESSOR SET EQUIPPED WITH WATER TRAP & AIR FILTER				
161-330-701 (3/2)	2.04	(A) DRAIN AIR FILTER AND WATER TRAP (PRIOR TO EACH OPERATION AND AFTER EACH HOUR OF OPERATION)	MW D	-----
COMPRESSOR SET EQUIPPED WITH WATER TRAP & DRAIN TANK				
161-330-701 (3/2)	2.04	(B) EMPTY DRAIN TANK (AT END OF EACH WORKDAY)	MW D	-----
13.12 AIR DRYR,COMPRSR; KS-21231 L1				
FOR ALL UNITS				

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161-330-703 (1/0)	2.01	CLEAN EXTERNAL SURFACES	MW 12M	-----
	2.02	LUBRICATE WHEEL CASTER BEARINGS	MW 3M	-----
	2.03	CHECK AIR INLET FILTERS	MW 3M	-----
	2.04	CHECK AIR OUTLET PRESSURE	MW D	-----
	2.05	CHECK SAFETY VALVE DISCHARGE PRESSURE	MW D	-----
	3.12	REPLACE COMPRESSOR CYLINDER RINGS	MW 48M	-----