PERFORMANCE WORK STATEMENT FOR

AIR COMPRESSOR MAINTANENCE

Ellsworth AFB, SD

December 2025

28th Maintenance Squadron

1.0. DESCRIPTION OF SERVICES: The Contractor shall provide all management, labor, material, parts, equipment, transportation , certifications, and tools necessary to maintain, service, calibrate, and repair air compressors, air dryers and associated ancillary equipment at Ellsworth AFB, SD to ensure sustained mission capability. Appendix A lists specific equipment, equipment location, and required services under contract purview). **NOTE: Maintenance services may be expanded/increased proportionately with future mission requirements.**

1.1. Basic Services: The Contractor shall inspect, service, test, calibrate, and maintain all section air compressors and ancillary equipment in accordance with the most current editions of 29 Code of Federal Regulations (CFR) 1910 and1926 Occupational Safety and Health Administration (OSHA), and the manufacturer' s recommendations and service bulletins. This full maintenance contract signifies that an air compressor service provider (Contractor) takes total service responsibility for the equipment identified in the contract. This contract allows the Government to budget total yearly costs (annual or FY please state months involved) and eliminate concerns relating to individual parts repair or replacement invoicing. The Contractor assumes all responsibility and determines the amount of service visits and types of service required to keep the air compressors operating safely and within current industry standards.

1.2. Only Contractor trained and qualified personnel shall perform maintenance on the air compressors. Additionally, prospective Contractors must have the capability to provide personnel who have at least two years of experience in air compressor maintenance. A copy of all employee resumes for those who will be performing services on Ellsworth AFB must be provided in the Technical Quote.

2.0. EXCLUDED SERVICES

2.1. Services not included: Repair and parts necessitated by accident, fire, abuse, and/or misuse by Government personnel, as determined by the Contracting Officer (CO). The Contractor shall commence repair work only after notification from the contracting office or representative agency.

2.2. Reporting: In the event that the Contractor encounters an item of work included in paragraph 2.1, the Contractor will report the situation to the Contracting Officer's Representative (COR). The report will include the work location, a detailed scope of the required work, justification for Contractor determination that the work was not included in the contract, and an itemized cost estimate (including time to repair, all required parts and a breakdown of labor hours). NOTE: If any part, component or assembly is unavailable from the manufacturer due to obsolescence, it remains the Contractor's responsibility to obtain an engineered equivalent product from a commercial source.

3.0. DEFINITIONS

3.1. Maintenance, Repair and Replacement: Maintenance, repair and replacement are on existing air compressors, air dryers, and air receiver tanks included in the contract scope of services. All maintenance, repair and replacement of damaged, broken, or worn parts are to be done in a manner that ensures that the equipment may be operated safely. Maintenance, repair and replacement actions will be completed to restore equipment to a state in which it may safely perform its required operations in accordance with the manufacturer's recommendations. See Appendix A for requirements.

4.0. MAINTENANCE AND INSPECTION SERVICES:

4.1. Service Calls: The Contractor shall provide effective maintenance and repair of all equipment identified in Appendix A of this Performance Work Statement. Point of Contacts (POCs) will be provided after contract award. Repair calls shall only be accepted by the Contractor from authorized Government individuals.

4.1.1. Routine Calls: The Contractor shall have a point of contact available during Ellsworth AFB normal business operations with an initial call back response time not to exceed 48 hours after Government notification of a routine repair call.

4.1.2. Emergency Calls: Upon contract award, Contractor shall provide a contact number for emergency service calls and provide a service technician for emergency calls within 12 hours from initial contact.

4.1.3. Contractor shall submit work orders regarding service calls to the Contracting Officer's Representative (COR) prior to leaving the work site and/or job completion.

4.2. Baseline Maintenance: The Contractor will initially repair all items not in working order or serviceable condition in accordance with the contract's baseline Contract Line Item Number (CLIN). Within thirty (30) calendar days of contract award, the Contractor with the CO/COR (or representative) shall determine the working order and condition of all air compressors listed in Appendix A. The CO will give instructions for situations where a unit requires a level of repair potentially constituting alteration as described in Paragraph 3 of this PWS. The Contractor and the CO shall certify their agreement as to the working order of the equipment. All repair work shall be in accordance with standard commercial practices using only new parts of equal quality specified by the air compressor manufacturer in effecting repairs (substitution of a different component is only permitted where it is equivalent to that which was tested, as determined by the certifying agency and approved by the COR.

4.3. Preventative Maintenance: Once all compressors are in good working order, the Contractor shall provide quarterly on-site maintenance, to include all services listed in Appendices A and B. Within thirty (30) calendar days after contract award, the Contractor shall develop and submit to the POC an annual written Maintenance Control Program (MCP) for each air compressor to cover the preventative quarterly maintenance during the base year and any option periods. The MCP shall ensure compliance with all minimum code requirements and the maintenance work shall be in accordance with current commercial practices or manufacturer's specifications. The Contractor shall also maintain a comprehensive maintenance list of all work performed to the air compressors to include at a minimum: type of maintenance/service performed, date, and operating hours. If the compressor does not track operating hours, the Contractor shall rely on the facility manager to provide the information. Adherence to MCP inspection and preventive maintenance requirements must equal 95% or greater. The full record of inspections, service, and maintenance will be furnished upon request from the COR. Contractor performance is limited to the services prescribed in Appendices A and B.

4.4. Air Compressor Service Availability: Air compressor service availability will not be evaluated until three months into the Period of Performance. However, when evaluated, it must be greater than 95%, according to the following formula: (Air Compressor availability is 95%. Calculation= ((sum of all Air Compressors * # days in service during the selected quarter for each Compressor) / (# Compressors* # days in the selected month)). The calculation can also be found in Table 1, Services Summary in the Performance Threshold column.

4.5. Material Disposal: The Contractor shall dispose of hazardous waste at an off-base location in accordance with applicable federal, state, and local pollution laws and regulations.

4.5.1. Hazardous Materials: HAZMART shall approve all hazardous materials brought on-site by the Contractor prior to use. The Contractor shall obtain approval using the application requirements of the AF Form 3952. HAZMART has the right to prohibit the use of any hazardous materials it deems to be especially hazardous to human health and the environment. In the event HAZMART does not approve a hazardous material for use, HAZMART may provide the Contractor a list of suitable substitutes; however, the Contractor shall retain responsibility for finding an acceptable substitute. The Contractor shall take appropriate actions to comply with waste minimization and pollution prevention practices and policies.

4.6. Reimbursable Costs: The Contractor will be reimbursed via invoice, submitted through Wide Are Workflow (WAWF) for parts required to replace defective items that are beyond economical repair on equipment identified in Appendix A this PWS. Only new parts, or parts of equal quality that are specified by the equipment manufacturer, will be used in effecting repairs. Payment will be completed through a separate reimbursable parts CLIN (CLIN 4002). Any reimbursable expenses must be authorized by the COR in coordination with the Contract Specialist (CS) and/or the Contracting Officer (CO).

4.7. Cleaning: Cleaning of equipment spaces and daily cleanup of job sites in conjunction with maintenance, inspections, tests, and repairs is required.

5.0. QUALITY AND INSPECTION PROGRAM

5.1. Quality Assurance: The Government will periodically evaluate the Contractor's performance by appointing a representative(s) COR to monitor performance to ensure services are received and completed IAW the parameters outlined in this PWS. The COR (or other authorized Government representative) will evaluate the Contractor's performance through intermittent on-site inspections of the Contractor's quality control program as well as upon receipt of complaints from base personnel. The Government may inspect and examine shop air compressors and associated ancillary equipment without notice. Based on repeated failures discovered during quality assurance inspections or repeated customer complaints, CORs may increase the number of quality assurance inspections conducted (only two call backs of the same problem [same instance] will be accepted each month). The Government will also receive and investigate complaints from various customers located on Ellsworth AFB. The Contractor shall be responsible for initially validating customer complaints, however, the COR shall make final determination as to the validity of customer complaint(s).

5.2. A positive Preventive Maintenance and Inspection program shall be implemented in accordance with the manufacturer's recommendations, as reflected in Appendix A. Inspections shall be coordinated with facility shop supervisors and the Government COR. Contractor's Field Engineer(s) will be physically present, have proper test equipment, parts, and tools, and be ready to begin work within the time specified in paragraph 7.2. of this PWS.

5.3. Quality Control Plan: The Contractor shall provide, as part of their proposal, a Quality Control Plan (QCP) to cover the base year of the contract and any option periods. At a minimum, the following information must be provided: required inspections, timelines for inspections and maintenance to be performed. The Contractor shall perform inspections and maintenance of all air compressors in accordance with the QCP. The QCP shall ensure compliance with all minimum

manual and manufacturer requirements.

5.3.1. Inspection System: A description of the inspection system to cover all services is listed in Table 1, Services Summary below. Description shall include specifics as to the areas to be inspected on a scheduled and unscheduled basis, frequency of inspections, and the title and organizational placement of the inspectors.

5.3.2. Methods: A description of the methods to be used for identifying and preventing defects in the quality of service performed.

5.3.3. Records: A description of the records to be kept documenting inspections and corrective or preventive actions taken.

5.3.4. Records Inspections: The records of inspections shall be kept and made available to the Government throughout the contract performance period and for the period after contract completion until final settlement of any claims under this contract.

5.3.5. Records Purview: As described in this PWS, all Contractor records, files, and documents, regardless of medium (e.g., paper, electronic, etc.) are the property of the Government and shall remain so upon termination and/or completion of the contract. Records shall be turned over to the Government upon completion and/or termination of the contract. In addition, no records shall be removed from the premises without prior approval from the Ellsworth AFB Installation Commander or designee.

5.3.5.1. Ellsworth AFB Records Guidance: The Contractor shall keep these records current and maintain Government property in accordance with the requirements established in Air Force Instruction (AFI) 33-322, Records Management Program, paragraph 10, Air Force Manual (AFMAN) 33-363, paragraph 6.4, Air Force Manual (AFMAN) 33-364, paragraph 2.13, and the Air Force Records Disposition Schedule which may be accessed from the AF-RIMS Link located on the Air Force Portal at https://www.my.af.mil/afrims. All records are subject to the Freedom of Information and Privacy Act. The Ellsworth AFB Records Management Office (28 CS/SCOK), (605) 385-1564, will provide assistance and training to the Contractor to ensure compliance with Federal record keeping requirements.

Table 1: **Services Summary**

SS#	Performance Objective	PWS Reference	Performance Threshold Quantifiable Inspection Data
1	Air Compressor Service Availability (will not be evaluated until three months into the Period of Performance)	4.4	Air Compressors availability is 95%. [(# compressors * operational days) / (# compressors * days of month)] * 100
2	Repair Service Call Response Time (Routine) Response to routine calls within the time specified in paragraph 4.1.	4.1	Response to routine service calls are on-time (within 48 hours) 100% of the time on a monthly basis with no exceptions.
3	Repair Service Call Response Time (Emergency) Response to emergency calls	4.1	Response to emergency service calls are on-time (within 12 hours) 100% of the time on a monthly basis with no exceptions.
4	Service call repairs – Repair Quality. Customer Complaints regarding repair quality	5.1	Only two call-backs of the same problem (same instance) each month.
5	Inspection - MCP	4.3	Inspection to MCP 95%
6	Preventative Maintenance – MCP adherence	4.3	Preventative maintenance performed to MCP 95% of the time.
7	Reporting	2.2	Submit reports in a manner consistent with PWS 95% of the time.

6.0. GOVERNMENT ASSISTED SERVICES

6.1. Government Assisted Escorts: The Government shall provide an escort to locations that are inaccessible to the Contractor with a commercial vehicle. This will be coordinated through the POC after contract award.

6.2. Refuse Collection: The Contractor shall provide bulk containers, in an authorized location to dispose of trash or refuse generated during maintenance services. Authorized locations will be designated by the COR. Reference Para 4.5 for the disposable hazardous materials.

6.3. Police and Fire Protection and Medical Care: The Government will provide police and fire protection. In the event of an emergency (life or limb), Ellsworth Fire Emergency Services will

respond to and treat Contractor personnel. If necessary, an outside ambulance agency will transport the Contract employee to the nearest emergency medical facility. The Contractor shall have the responsibility to reimburse the outside ambulance agency for services rendered.

7.0. GENERAL INFORMATION

7.1. Map: An Ellsworth AFB map depicting location of equipment to be serviced will be provided upon contract award.

7.2. Hours of Operation: The Contractor shall maintain the following routine customer service hours: 8:00 a.m. to 4:00 p.m. (Mountain Time) daily, Monday through Friday excluding federal holidays and wing productivity/down days. Wing productivity/down days will be announced monthly. Recognized holidays are as follows: New Year's Day, Martin L. King, Jr. Day, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

7.2.1. Base Shutdown/Inclement Weather: When Ellsworth AFB is closed (due to a base closure or inclement weather) the Contractor shall follow the guidance dispersed by the installation.

7.3. Security Requirements: The Contractor shall be responsible for safeguarding all Government property and controlled forms provided for Contractor use. At the end of each work period, all Government facilities, equipment, and materials shall be secured.

7.3.1. Base Access: The Contractor shall ensure the required documents for base access to facilitate contract performance are obtained for employees and non-Government owned vehicles. An Installation Entry Authorization List (EAL) will be provided to the contracting office at contract award. The EAL will include, at minimum, the employee's name, birth date, and Driver's License Number, to include State of issue. This list shall be updated when an employee's status or information changes and/or new employees are hired. NOTE: All Contractor employee installation access documents must meet '***Real ID***' requirements. For detailed guidance please visit: https://www.traveldocs.com/blog/REAL-ID-Guide-for-South-Dakota-What-You-Need-to-Know-blogpost280

Figure 1: Example of Real ID

NOTE: For detailed guidance on Real ID requirements, please visit: https://www.traveldocs.com/blog/REAL-ID-Guide-for-South

7.3.2 Flight line and Munitions Storage Area Access: The Government shall provide escort services when access to the flight line secured areas and munitions storage area is required.

7.4. Traffic Laws: The Contractor and its employees shall comply with Air Force and installation traffic regulations.

8.0. CONTRACTOR PERSONNEL

8.1. Management: The Contractor shall provide a point of contact (POC) who shall be responsible for the performance of all work performed under purview of this contract. The name of this person shall be designated in writing to the contracting officer. The POC shall have full authority to act for the Contractor on all contract matters relating to daily operation of this contract. The POC must be available during normal duty hours, 8:00 a.m. to 4:00 p.m. (Mountain Time) daily, Monday through Friday excluding federal holidays and wing productivity/down days, to meet at Ellsworth AFB with Government personnel designated by the contracting officer.

8.2. Conduct: Contractor employees shall not loiter in any working area during operating hours.

9.0. SPECIAL QUALIFICATIONS: The Contractor shall use Original Equipment Manufacturer (OEM) parts unless authorized by the COR to use non-OEM parts.

9.1. Basic Qualifications: The Contractor shall be fully staffed on the first day of work under the contract. Individuals who are performing the work must be experienced, fully qualified, speak and understand English, and be a regular employee of the Contractor; day laborers are not acceptable. "Fully Qualified" is based upon training and experience in the field. For training, the employee must have successfully completed a formalized training program on the type of equipment to be serviced and receive up to date bulletins on the newest methods of correctly maintaining Ellsworth AFB air compressors. For field experience, employees must have, as a minimum, two (2) years of experience (except for equipment newly on the market) with respect to scheduled and unscheduled preventive maintenance and repair of equipment listed in this contract.

9.2. Subcontractors: If used, subcontractor(s) must be approved by the contracting officer (CO). The Contractor shall submit any proposed change in subcontractor(s) to the CO for approval/disapproval.

9.3. Employee Credentials: The Contractor shall provide written assurance as to the competency of their personnel and a list of current credentials of employees performing services at Ellsworth AFB. The CO may authenticate the training requirements and request training certificates or credentials from the Contractor at any time for any personnel performing services under this contract. The CO specifically reserves the right to reject any of the Contractor's personnel and refuse them permission to work on Ellsworth AFB.

10.0. PERFORMANCE OF SERVICE DURING CRISIS OR HEIGHTENED SECURITY

10.1. Performance of Services during Crisis Declared by the National Command Authority or Overseas Combatant Commander: According to Department War Instruction (DoDI) 3020.37, Continuation of Essential DOD Contractor Services during Crisis, and the Air Force implementation thereof. This service is not determined to be essential for performance during crisis. In the event of a declared crisis guidance will be provided by the authorized Government representatives.

(APPENDIX A)

Ellsworth AFB Air Compressor and Associated Equipment Maintenance & Service Requirements

1. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7236 (Dock 93).

Dominick Hunter Breathing Air Systems, Model DA-DME 040, 2 each

Every 1,000 operating hours:

- Replace 2 each filters, part number K040AC
- Replace 4 each filters, part number K040HC
- Inspect air lines for leaks; repair as needed
- Inspect Desiccant site glass for contamination

Every 5,000 operating hours:

- Inspect air lines for leaks; repair as needed
- Replace 6 each filters, part number K058AA
- Replace desiccant, part number 60 820 1824 in 2 each towers is needed
- Troubleshoot and repair system when requested

Analox Air Alert 3D Carbon Monoxide Detectors, Model 3050, 2 each

Monthly:

- Perform calibration and system testing

Every 18 months:

- Replace electrochemical sensor

Quincy Air Compressor, Model QRDS20DT00001

Every 1,000 operating hours:

- Inspect compressor for air leaks; repair as needed
- Replace 6 each filters, part number 110377E200
- Inspect 2 each belts for proper tension, adjust tension as needed replace belts as needed
- Inspect compressor for air leaks; repair as needed

Every 5,000 operating hours:

- Inspect compressor for air leaks, repair as needed
- Inspect pressure switch diaphragm and contacts; adjust as needed
- Inspect motor/starter contacts, adjust as needed
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies; replace as needed

Every 10,000 operating hours:

- Inspect compressor for air leaks; repair as needed
- Inspect piston rings, gaskets, floating pin bushing and buttons; replace as needed
- Replace crankshaft assembly and compressor valves as needed
- Troubleshoot and repair compressor when requested

Quincy Air Compressor, Model QSI-3001
Every 1,000 operating hours:

- Inspect compressor for air leaks; repair as needed
- Inspect compressor for fluid leaks and fluid level; repair and fill as needed
- Replace 1 each air filter, part number 146397-08
- Replace 1 each fluid filter, part number 142136

Annually:

- Inspect compressor for air leaks; repair as needed
- Inspect compressor for fluid leaks and fluid level; repair and fill as needed
- Replace 1 each air/fluid separator part number 144606-01

Every 8,000 operating hours:

- Inspect compressor for air leaks; repair as needed
- Inspect compressor for fluid leaks; repair as needed
- Replace Quincy-plus fluid, part number 142784-005
- Replace 1 each fluid filter, part number 142136
- Troubleshoot and repair compressor when requested

Zeks Air Dryer, Model 300HSGA400
Every 6 months:

- Inspect unit for defects repair as needed
- Lubricate fan motors at both oil ports

Air Receiver Tank, 650 gal
Every 3 years:

- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

2. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 106 (PMEL).

Campbell Husefeld Air Compressor, Model WL61170AJ, Reciprocating, Oil-less
Every 3 months:

- Check relief valves for proper operation, repair or replace as needed
- Drain moisture from tank by opening drain cock underneath tank
- Inspect and clean dust and dirt from motor, tank, air lines and pump cooling fins
- Check air filter, replace as needed

Hankinson Air Dryer, Model HPR15
Every 3 months:
Check unit for serviceability and cleanliness, clean and repair as required

Annually:
Replace separator filter element or coalescing filter

Quincy Air Compressor, Model QRD 7ST8000017, Reciprocating, Oil-less
Every 3 months:

- Drain tank, drop legs and moisture traps / visual inspection
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves / clean cooling surfaces of intercooler after-cooler and compressor, repair or replace parts as needed

Every 5,000 operating hours:

- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Every 10,000 operating hours:

- Inspect piston rings, gaskets, floating pin bushing and buttons. Replace parts as needed
- Replace crank shaft assembly and compressor valves

Norgen Desiccant Air Dryer, Model DS0-100-0025
Every 3 months:

- Check unit for serviceability.
- Check desiccant for proper color, replace as needed.

3. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 601 (PROPS).

Quincy QR-25 Air Compressor, Model 325, Reciprocating
Every 3 months:

- Drain tank, drop legs and moisture traps / visual inspection
- Check lubricant levels, service as needed
- Inspect lubricant for contamination & change if necessary
- Clean or replace air intake filter as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves / clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed
- Check compressor for air leaks, check compressed air distribution system for leaks, repair leaks as needed

Every 500 operating hours:

- Change oil & filter, torque pulley clamp screws or jam nut

Every 1,000 operating hours:

- Inspect compressor valves for leakage and/or carbon buildup, clean or repair as needed
- Clean oil sump strainer screen inside the crankcase when conducting oil change

Every 2,000 operating hours:

- Inspect the pressure switch diaphragm and contacts
- Inspect the contact points in the motor I starter, replace parts as needed

4. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 905 (NDI).

Ingersoll-Rand Air Compressor, Model 2420N5, Reciprocating
Every 3 months:
- Drain traps and inspect lubrication levels, service as needed
- Check all bolts for tightness, adjust as needed
- Check drive belt, adjust or replace as needed

Every 500 operating hours:
- Change petroleum lubricant while crank case is warm
- Drain compressor oil and clean oil sight glass

Every 1,000 operating hours:
- Install Maintenance Pak or change synthetic lubricant while crankcase is warm
- Replace filter element

5. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7520 (AGE/BACK SHOPS).

Quincy Air Compressor, Model QSF-60, Rotary Screw
Every 3 months:
- Check air filter, replace as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 6 Months:
- Replace fluid filter.

Every 4,000 operating hours:
- Replace fluid and fluid filter
- Clean oil sight glass

Annually:
- Check safety shutdown system, repair as needed
- Test pressure relief valve for proper operation
- Check all bolts for tightness, change air/fluid separator, change air filter and lubricate motor

Quincy Air Compressor, Model QSF-60, Rotary Screw
Every 3 months:
- Check air filter, replace as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 6 Months:
- Replace fluid filter

Quincy Air Compressor, Model QSF-60, Rotary Screw (continued)
Every 4,000 operating hours:
- Replace fluid and fluid filter
- Clean oil sight glass

Annually:
- Check all bolts for tightness, change air/fluid separator, change air filter and lubricate motor
- Check safety shutdown system, repair as needed
- Test pressure relief valve for proper operation

Speedaire Air Dryer, Model 2DAZ7A

Every 3 months:
- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

Air Receiver Tank, 650 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

Quincy Air Dryer
Every 3 months:
- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

Quincy Air Dryer

Every 3 months:
- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

6. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7520 (Additive Manufacturing Shop).

Champion – CA Series, Model BCAS40Q-Q
Daily:
- Inspect for excessive noise and vibration

Every 2 months or 500 hours:
- Clean, inspect and replace intake air filter as needed

Every 1 year or 2000 hours:
- Replace intake air filter

Every 4 Years or 10,000 hours:
- Clean and inspect Cooling Fan and Scroll Fin
- Re-grease Scroll Bearings (replace the airend if bearings are damaged)
- Replace Tip Seals and Face Seals

Champion Air Dryer:
Daily Maintenance Actions:

- Check and record inlet pressure, temperature and flow, verify that it is within specifications
- Check tower pressure gauge readings are within operating tolerance
- Check dryer operation for proper cycling, depressurization and re-pressurization
- Check dryer Digital Controller for Warnings or Alarms
- Check that the prefilter drain is operating properly and that there is no condensate discharged from Purge Mufflers. Verify that the pressure in purging tower is 3 PSIG or less. If higher, muffler replacement is recommended

Monthly:

- Check condition of Mufflers by reading tower Pressure Gauge when the tower is in the re-generation cycle. If pressure is above PSIG, Muffler replacement may be required

Every 6 Months:

- Check outlet dew point(EMS option only)
- Check Pilot Air Filter element and clean or replace as required
- Replace Prefilter and Afterfilter elements and/or cartridges

Every 12 Months:

- Check desiccant and replace if necessary
- Test Lights and switches, replace as necessary
- Replace Drains on Prefilter and Afterfilter
- Test electrical components, replace as necessary
- Check for loose electrical wiring connections and tighten as required
- Inspect and clean Pilot ir Control Solenoid Valves, check valves and flow valves, rebuild and/or replace as required

Champion Air Dryer (continued)
Every 24 Months:

- Inspect valves and replace angle valve bonnets if not functioning properly (preventative)
- -100°F dryers – rebuild control air solenoid valve set (preventative)
- Replace check valves (preventative)

Quincy Air Compressor, Model QTV - 7.5, Reciprocating
Every 3 months:

- Drain tank, drop legs and moisture traps / visual inspection
- Check lubricant levels, service as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves / clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed

Every 5,000 operating hours:

- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Quincy Air Compressor, Model QTV - 7.5, Reciprocating (continued)
Every 10,000 operating hours:

- Inspect piston rings, gaskets, floating pin bushing and buttons, replace parts as needed
- Replace crank shaft assembly and compressor valves

Quincy Air Dryer, Model QRHT25H1QUL
Every 3 months:

- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

7. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7540 (BACK SHOP AVIONICS).

Quincy Air Compressor, Model QT-15, Reciprocating
Monthly:

- Check belt tension, adjust or replace as needed
- Check lubricant levels, service as needed
- Change lubricant, torque pulley clamp screws or jam nut

Every 3 months:

- Re-torque the cylinder to head cap screws
- Inspect the pressure switch diaphragm and contacts
- Inspect the contact points in the motor/starter, replace parts as needed
- Inspect compressor valves for leakage and/or carbon build-up. If excessive sludge build-up exists inside the crankcase, clean the inside of the crankcase as well as the screen, repair leaks, replace parts as needed.

Zeks Refrigerated Air Dryer, Model 50HSEA100
Every 6 months:

- Inspect unit for defects
- Lubricate fan motors at both oil ports

8. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7250 (DOCK 72, A/R).

Quincy Air Compressor, Model 20-QSB20ACA32SQ, Rotary Screw
Every 3 months:

- Replace air filter as needed
- Clean after-cooler and fluid cooler fins
- Check lubrication levels, service as needed

Every 1,000 operating hours:

- Change fluid filter, check pressure relief valve, replace parts as needed

Every 2,000 operating hours:

- Check roll pin indicator position in slot and replace V-belts if at or near allowable travel

Quincy Air Compressor, Model 20-QSB20ACA32SQ, Rotary Screw (continued)
Annually:

- Check over unit and check all bolts for tightness
- Change air/fluid separator and air filter
- Lubricate motors
- Check safety shutdown system and repair as needed
- Test pressure relief valve for proper operation

Ingersoll-Rand Air Dryer, Model DXR100-E3
Every 3 months:

- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Every 4,500 operating hours:

- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Quincy Air Compressor, Model MQR340ST7, Reciprocating
Every 3 months:

- Drain tank, drop legs and moisture traps / visual inspection
- Inspect lubricant for contamination & change if necessary
- Clean or replace air intake filter
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves / clean cooling surfaces of intercooler after-cooler and compressor
- Check compressor for air leaks, check compressed air distribution system for leaks and repair leaks or replace parts as needed

Every 500 operating hours:

- Change oil & filter, torque pulley clamp screws or jam nut

Every 1,000 operating hours:

- Inspect compressor valves for leakage and/or carbon buildup, repair leaks as needed
- Clean oil sump strainer screen inside the crankcase. If excessive sludge buildup exists inside the crankcase, clean the inside of the crankcase as well as the screen

Every 2,000 operating hours:

- Inspect the pressure switch diaphragm and contacts
- Inspect the contact points in the motor / starter, replace parts as needed

Air Receiver Tank, 110 gal
Every 3 years:

- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

9. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7252 (DOCK 73, ISO).

Quincy Air Compressor, Model QSB20ACA32SQ, Rotary Screw
Every 3 months:
- Replace air filter as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 1,000 operating hours:
- Change fluid filter, check pressure relief valve, replace as needed

Every 2,000 operating hours:
- Check roll pin indicator position in slot and replace V-belts if at or near allowable travel

Annually:
- Go over unit and check all bolts for tightness
- Change air/fluid separator, air filter and lubricate motors
- Check safety shutdown system and repair as needed
- Test pressure relief valve for proper operation

Ingersoll-Rand Air Dryer, Model DXR100-E3
Every 3 months:
- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Every 4,500 operating hours:
- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Air Receiver Tank, 110 gal
- Every 3 years: Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

10. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7234 (DOCK 92, AIRCRAFT MAINTENANCE).

Quincy Air Compressor, Model 127462/QRD 7.5, Reciprocating
Every 3 months:
- Drain tank, drop legs and moisture traps/visual inspection
- Check lubricant levels, service as needed
- Manually operate pressure relief valves/clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed
- Check belt tension, adjust or replace as needed

Quincy Air Compressor, Model 127462/QRD 7.5, Reciprocating (continued)
Every 5,000 operating hours:
- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Every 10,000 operating hours:
- Inspect piston rings, gaskets, floating pin bushing and buttons, replace parts as needed
- Replace crank shaft assembly and compressor valves

Air Systems International Breathing Air System, Model BB100-COPM
Monthly:
- Calibrate carbon monoxide monitor

Every 3 months:
- Clean drains, filter bowls and housing
- Check filter change indicators, replace filters as required

Ingersoll-Rand Air Compressor, Model R901-A125
Every 3 months:
- Check lubricant levels, belts, and air filter, service or replace as needed
- Clean air/oil coolers
- Check for lubricant leaks, loose fasteners, and connections, repair as needed
- Operate pressure relief valves

Every 1,000 operating hours:
- Change lubricant filter

Every 4,000 operating hours:
- Change air/lubricant separator and lubricant
- Remove, drain, and reinstall air/lubricant coolers

Ingersoll-Rand Air Dryer, Model NVC600A40N
Every 3 months:
- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Ingersoll-Rand Air Compressor, Model R901-A125 (continued)
Every 4,500 operating hours:
- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Zeks Air Dryer, Model 300HSEA400
Every 6 months:
- Inspect unit for defects
- Lubricate fan motors at both oil ports

Ingersoll-Rand Air Dryer, Model DXR230
Every 3 months:
- Check coalescing filter, replace as needed
- Check condenser coils, clean as needed
- Check ambient air filter, replace as needed
- Check internal float drain valve, clean or replace as needed

Every 4,500 operating hours:
- Disassemble and clean automatic drain valve, replace pm1s as needed
- Check condenser coils, clean as needed

Air Receiver Tank, 110 gal, 2 each
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

11. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7246 (DOCK 70).

Quincy Air Compressor, Model 20-QSB20ACA32SQ, Rotary Screw
Every 3 months:
- Replace air filter as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 1,000 operating hours:
- Change fluid filter, check pressure relief valve, replace as needed

Every 2,000 operating hours:
- Check roll pin indicator position in slot and replace V-belts if at or near allowable travel

Annually:
- Go over unit and check all bolts for tightness
- Change air/fluid separator, air filter and lubricate motors
- Check safety shutdown system and repair as needed
- Test pressure relief valve for proper operation

Ingersoll-Rand Air Dryer, Model DXR100-E3
Every 3 months:
- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Every 4,500 operating hours:
- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

12. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7248 (DOCK 71).

Quincy Air Compressor, Model 20-QSB20ACA32SR, Rotary Screw
Every 3 months:
- Replace air filter as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 1,000 operating hours:
- Change fluid filter, check pressure relief valve, replace as needed

Every 2,000 operating hours:
- Check roll pin indicator position in slot and replace V-belts if at or near allowable travel

Annually:
- Go over unit and check all bolts for tightness
- Change air/fluid separator, air filter and lubricate motors
- Check safety shutdown system and repair as needed
- Test pressure relief valve for proper operation

Zeks Air Dryer, Model 100HSGA101A
Every 6 months:
- Inspect unit for defects
- Lubricate fan motors at both oil ports

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

13. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7254 (DOCK 74).

Quincy Air Compressor, Model QT-10, Reciprocating
Every 3 months:
- Drain tank, drop legs and moisture traps/visual inspection
- Check lubricant levels, service as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves/clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed

Quincy Air Compressor, Model QT-10, Reciprocating (continued)
Every 5,000 operating hours:
- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Every 10,000 operating hours:
- Inspect piston rings, gaskets, floating pin bushing and buttons, replace parts as needed
- Replace crank shaft assembly and compressor valves

Quincy Air Compressor, Model 20-QSB20ACA32SQ, Rotary Screw
Every 3 months:
- Replace air filter as needed
- Clean after-cooler and fluid cooler fins
- Check lubricant levels, service as needed

Every 1,000 operating hours:
- Change fluid filter, check pressure relief valve, replace as needed

Every 2,000 operating hours:
- Check roll pin indicator position in slot and replace V-belts if at or near allowable travel

Annually:
- Go over unit and check all bolts for tightness
- Change air/fluid separator, air filter and lubricate motors
- Check safety shutdown system and repair as needed
- Test pressure relief valve for proper operation

Ingersoll-Rand Air Dryer, Model HG100
Every 3 months:
- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Every 4,500 operating hours:
- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

14. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7230 (DOCK 90).

Ingersoll-Rand Air Compressor, Model T40-250BKV, Reciprocating
Every 3 months:
- Check drive belt tension, adjust or replace as needed
- Check lubricant levels, service as needed

Annually:
- Replace air filter
- Change lubricating fluid, clean sight gauge if applicable

Ingersoll-Rand Air Dryer, Model HG100
Every 3 months:
- Check coalescing filter, replace as needed
- Inspect internal float drain valve, clean or replace as needed
- Clean condenser coils
- Replace ambient air filter as needed

Every 4,500 operating hours:
- Disassemble and clean automatic drain valve and inspect and clean condenser coils

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

15. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7232 (DOCK 91).

Quincy Air Compressor, Model QT25-104, Reciprocating
Every 3 months:
- Drain tank, drop legs and moisture traps/visual inspection
- Check lubricant levels, service as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves/clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed

Every 5,000 operating hours:
- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Every 10,000 operating hours:
- Inspect piston rings, gaskets, floating pin bushing and buttons, replace parts as needed
- Replace crank shaft assembly and compressor valves

Zeks Air Dryer, Model 100HSBA206
Every 6 months:
- Inspect unit for defects
- Lubricate fan motors at both oil ports

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

16. The following are requirements for the inspection and maintenance needed for equipment located in AMXS Building 7270 (AMU SUPPORT SECTION).

Quincy Air Compressor, Model QT7ST7HP00630, Reciprocating
Every 3 months:
- Check belt tension, adjust or replace as needed
- Check lubricant levels, service as needed

Every 500 operating hours:
- Change lubricant, torque pulley clamp screws or jam nut

Every 1,000 operating hours:
- Re-torque the cylinder to head caps crews
- Inspect compressor valves for leakage and/or carbon build-up
- Repair leaks and replace parts as needed
- If excessive sludge build-up exists inside the crankcase, clean the inside of the crankcase as well as the screen

Every 2,000 operating hours: Inspect the pressure switch diaphragm and contacts. Inspect the contact points in the motor / starter. Replace parts as needed.

Zeks Refrigerated Air Dryer, Model 50HSEA100
Every 6 months:
- Inspect unit for defects
- Lubricate fan motors at both oil ports

17. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 88149 (CONVENTIONAL

Quincy Air Compressor, Model QT-10, Reciprocating
Every 3 months:
- Drain tank, drop legs and moisture traps/visual inspection
- Check lubricant levels, service as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valves/clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed

Quincy Air Compressor, Model QT-10, Reciprocating (continued)
Every 5,000 operating hours:
- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed

Every 10,000 operating hours:
- Inspect piston rings, gaskets, floating pin bushing and buttons, replace parts as needed
- Replace crank shaft assembly and compressor valves

Zeks Air Dryer, Model 100HSFA200
Every 6 months:
- Inspect unit for defects
- Lubricate fan motors at both oil ports

18. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 88240 (ARMAMENTS/STORAGE).

Quincy Air Compressor, Model QSI 500i, Rotary Screw
Every 3 months:
- Replace air filter, clean fluid coolers
- Check lubricants, service as needed

Every 6 months:
- Replace fluid filter
- Inspect control lines, replace as needed

Annually:
- Replace air/fluid separator unit
- Check bolts for tightness
- Lubricate motors
- Check HAT system
- Test pressure relief valve, repair or replace parts as needed

Every 8,000 operating hours:
- Change out all fluids

Dominic Hunter Air Dryer, Model CRD500
Every 3 months:
- Check condenser fins and drain, clean and or repair as needed

Annually:
- Check electrical absorption
- Depressurize unit and conduct drain maintenance
- Replace pre- filter element and post filter element

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

19. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 88240 (ARMAMENTS/STORAGE).

Ingersoll-Rand Air Compressor, Model R90IU-100, Rotary Screw
Every 3 months:
- Check coolers for build-up of foreign matter, clean as needed
- Check lubricants, service as needed
- Operate safety valve, replace as needed
- Check all hoses for signs of deterioration, replace as needed

Every 2,000 operating hours:
- Change coolant filter
- Lubricate main motor drive end bearing
- Check scavenge screen for blockage and calibration of the pressure transducer, clean or calibrate as needed

Annually:
- Change air filter element

Every 8,000 operating hours:
- Replace Ultra Coolant, separator element and coolant filter

Hankinson Air Dryer, Model HPRP600
Every 3 months:
- Check unit for serviceability and cleanliness, clean and repair as required

Annually:
- Replace separator filter element or coalescing filter

Air Receiver Tank, 110 gal
Every 3 years:
- Conduct hydrostatic testing or ultrasonic testing, repair or replace tank if required

20. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 7150 (MSEM).

Quincy Air Compressor, Model QTS-15, Reciprocating
Monthly:
Check belt tension, adjust or replace as needed
Check lubricant levels, service as needed
Change lubricant, torque pulley clamp screws or jam nut

Quincy Air Compressor, Model QTS-15, Reciprocating (continued)
Every 3 months:

- Re-torque the cylinder to head cap screws
- Inspect the pressure switch diaphragm and contacts. Inspect the contact points in the motor / starter, replace parts as needed
- Inspect compressor valves for leakage and/or carbon build-up. If excessive sludge build-up exists inside the crankcase, clean the inside of the crankcase as well as the screen, repair leaks, replace parts as needed

Speedaire Air Dryer, Model 3Z532
Every 3 months:

- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

21. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 7152 (CONVENTIONAL).

Quincy Air Compressor, Model QTS-15, Reciprocating
Monthly:

- Check belt tension, adjust or replace as needed
- Check lubricant levels, service as needed
- Change lubricant, torque pulley clamp screws or jam nut

Every 3 months:

- Re-torque the cylinder to head cap screws
- Inspect the pressure switch diaphragm and contacts
- Inspect the contact points in the motor/starter, replace parts as needed
- Inspect compressor valves for leakage and/or carbon build-up. If excessive sludge build-up exists inside the crankcase, clean the inside of the crankcase as well as the screen, repair leaks, replace parts as needed

Speedaire Air Dryer, (no model number listed)
Every 3 months:

- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

22. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 7160 (CONVENTIONAL).

Quincy Air Compressor, Model QTS-15, Reciprocating
Monthly:

- Check belt tension, adjust or replace as needed
- Check lubricant levels, service as needed
- Change lubricant, torque pulley clamp screws or jam nut.

Quincy Air Compressor, Model QTS-15, Reciprocating (continued)
Every 3 months:

- Re-torque the cylinder to head cap screws
- Inspect the pressure switch diaphragm and contacts
- Inspect the contact points in the motor/starter, replace parts as needed
- Inspect compressor valves for leakage and/or carbon build-up. If excessive sludge build-up exists inside the crankcase, clean the inside of the crankcase as well as the screen, repair leaks, replace parts as needed

Quincy Air Compressor, Model 310DS12WCA46air dryer Reciprocating
Every 3 months:

- Drain tank, drop legs and moisture traps/visual inspection
- Check lubricant levels, service as needed
- Check belt tension, adjust or replace as needed
- Manually operate pressure relief valve/clean cooling surfaces of intercooler after- cooler and compressor, replace parts as needed

Every 5,000 operating hours:

- Inspect pressure switch diaphragm contacts
- Inspect motor/starter contacts
- Re-grease wrist pin needle bearings
- Inspect compressor valve assemblies, replace parts as needed.

Quincy Air Dryer, Model QPNC
Every 3 months:

- Check unit for serviceability and cleanliness, clean and or repair as needed
- Check filters, replace as needed

23. The following are requirements for the inspection and maintenance needed for equipment located in MUNS Building 7154 (MSEM).

ROL-AIRE Air Compressor, Model 880A, Reciprocating
Every 3 months:

- Inspect for air leaks, repair as needed
- Check tightness of screws and bolts, tighten as needed
- Inspect air filter element, replace as needed
- Change petroleum lubricant while crankcase is warm as needed

Annually:

- Change synthetic lubricant while crankcase is warm
- Replace filter element

ROL-AIRE Air Compressor, Model 880A, Reciprocating
Every 3 months:

- Inspect for air leaks, repair as needed
- Check tightness of screws and bolts, tighten as needed
- Inspect air filter element, replace as needed
- Change petroleum lubricant while crankcase is warm as needed

Annually:

- Change synthetic lubricant while crankcase is warm
- Replace filter element

24. The following are requirements for the inspection and maintenance needed for equipment located in MXS Building 7520 (Metals Technology Section).

Craftsman Air Compressor, Model 919.167812
Every 3 months:

- Check for oil leaks, check pump oil, service as needed
- Check drive belt condition, adjust or replace as needed
- Replace air filter as needed
- Check motor/flywheel alignment, adjust as needed

Every 160 operating hours:

- Change pump oil

Annually:

- Inspect air compressor pump intake and exhaust valves, repair or replace as needed

END APPENDIX A

(APPENDIX B)
Air Compressors, Services Performed:

1) Major Inspection
   a) Inspect starter and disconnect, clean starter contacts
   b) Clean or replace intake filter element
   c) Inspect, clean and lubricate motor
   d) Inspect belts and adjust tension
   e) Inspect air lines
   f) Inspect pressure switch
   g) Perform sequence test of all controls
   h) Time on-off cycle
   i) Test check valve operation, if applicable
   j) Test operation of automatic drain
   k) Replace crankcase oil
   l) Check and manually actuate safety-relief valve

2) Seasonal/Intermediate Inspection
   a) Lubricate motor as required
   b) Inspect belts and adjust tension
   c) Test operation of automatic drain
   d) Check crankcase oil level

Air Dryers, Services Performed:

1) All Inspections
   a) Inspect air lines
   b) Inspect bypass valve for proper operation, seal
   c) Inspect pressure relief valve; manually actuate to ensure operation
   d) Perform sequence test of all controls

PRV Station, Services Performed:

1) Major Inspection
   a) Inspect air lines
   b) Inspect bypass valve for proper operation, seal
   c) Inspect pressure regulating valve; ensure proper operation and pressure setting
   d) Inspect pressure relief valve; manually actuate to ensure operation
   e) Drain filter bowl and replace filter

2) Seasonal/Intermediate Inspection
   a) Inspect air lines
   b) Inspect bypass valve for proper operation, seal
   c) Inspect pressure regulating valve; ensure proper operation and pressure setting
   d) Inspect pressure relief valve; manually actuate to ensure operation
   e) Inspect filter bowl and filter

END APPENDIX B