



**A. Compressor Assembly**

**1. Static Tests**

**Initial:**

- a. Check oil level and change at least annually and/or as required by Maintenance Manual.
- b. Check air inlet filter. Clean and/or replace.
- c. Check for loose nuts, bolts and other fasteners. Tighten and/or replace.
- d. Check drive belt tension. Adjust/replace as necessary.

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**2. Operational Tests**

- a. Check for proper running operation to determine if unit is in good mechanical repair (oil and air leaks, unusual noises, excessive vibration, etc.).
- b. Check relief valves for leaks.
- c. Check moisture drains for proper operation.
- d. Check oil pressure. Reading: \_\_\_\_\_
- e. Check interstage pressures.

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1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_ 4<sup>th</sup> \_\_\_\_\_ 5<sup>th</sup> \_\_\_\_\_

**B. Motor / Engine**

**1. Static Tests**

- a. Check for evidence of overheating or lubrication leaks.
- b. Check for loose electrical and/or instrument wiring.
- c. Oil & oil filter change on engine. Belt driven units checked and belts changed as necessary.

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**2. Operational Tests**

- a. Check for proper operational temperature
- b. Check for lubrication leaks and unusual noises, excessive vibration, etc.

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**C. Purification / Drying System**

- a. Pressurize and check for leaks.
- b. Check moisture drain.
- c. Check pressure gauges.
- d. Check discharge air / gas for proper flow rate.
- e. Check relief valves.
- f. Change purification / drying cartridges (2 sets / year).

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**D. Controls - Check For Proper Operation**

- a. High temperature shutdown switch. \_\_\_\_\_
- b. Automatic and / or mechanical start / stop switch. \_\_\_\_\_
- c. Magnetic starter. \_\_\_\_\_
- d. Low oil pressure switch. \_\_\_\_\_
- e. Automatic moisture drains  
On: \_\_\_\_\_ minutes      Off: \_\_\_\_\_ seconds \_\_\_\_\_
- f. Voltage \_\_\_\_\_  
Amps: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_ \_\_\_\_\_
- g. Final pressure switch  
Off: \_\_\_\_\_ psi      On: \_\_\_\_\_ psi \_\_\_\_\_
- h. Hour meter inspection  
Start time: \_\_\_\_\_      Stop time: \_\_\_\_\_ \_\_\_\_\_

**E. Air / Gas Storage System**

- a. Check system for leaks. \_\_\_\_\_
- b. Check relief valves. \_\_\_\_\_
- c. Check regulator performance. \_\_\_\_\_
- d. Check drain valves. \_\_\_\_\_

**F. Charging Station**

- a. Check all plumbing and fittings for leaks. \_\_\_\_\_
- b. Check gauges. \_\_\_\_\_
- c. Check regulator performance. \_\_\_\_\_
- d. Check shut-off valve. \_\_\_\_\_
- e. Check condition and operation of intake hose and prefilter. \_\_\_\_\_

**G. Air Monitoring Equipment**

- a. Check for proper operation of Securus control indicator. \_\_\_\_\_
- b. Check for proper operation of Carbon Monoxide monitor.  
CO monitor reading: \_\_\_\_\_



**H. Other Repairs or Adjustments Made:**

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**I. Recommendations:**

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**COMPLETE INSTALLATION**

Check complete unit for proper system performance. Note general characteristics of complete system.

**Comments:**

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\_\_\_\_\_  
Service Performed By (Print Legibly)

\_\_\_\_\_  
Date Performed