



RE: Permit #: \_\_\_\_\_

## Mechanical Inspection Affidavit

I \_\_\_\_\_, (Name and circle the type that applies) licensed as a  Contractor\*  Engineer  Architect  Owner/Builder.

License #: \_\_\_\_\_

On or about \_\_\_\_\_, (Date) I performed a code required refrigerant piping pressure test at \_\_\_\_\_ (Job site address)

Fan Coil Serial #: \_\_\_\_\_

Condenser Serial #: \_\_\_\_\_

Pressure Required: \_\_\_\_\_

Test Pressure: \_\_\_\_\_

Test duration: \_\_\_\_\_

Based upon that examination I have determined the installation was done according to ASHRAE Standard 15.2 2024 Residential Applications. 10.5.7 Piping System Strength Test and Leak Test.

\_\_\_\_\_  
Signature

### ASHRAE 15.2 Sec 10.5.7 Piping System Strength Test and Leak Test

The refrigerant piping system shall be tested in accordance with the manufacturer's installation instructions or this section, whichever is more stringent. Separate test for low side and high side sections shall be permitted. The refrigerant piping system shall be tested with both of the following:

a. Pressurize for a minimum of 60 minutes to not less than the lower of the design pressures or the setting of pressure relief devices. The design pressures for testing shall be the pressures listed on the label nameplate of the outdoor section, compressor, pressure vessel, or other system component of the refrigerant circuit. Additional test gas shall not be added to the system after the start of the pressure test. The system shall show no loss of pressure on the test pressure measuring device during the pressure test.

b. After completing the pressure test, a vacuum test shall be performed. Once the system reaches a vacuum of 500 microns, the system shall be isolated from the vacuum pump, and the system pressure shall not rise above 1500 microns within 10 minutes.