

# Residential HVAC System Code Compliance Certification

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

Address or Parcel #: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Description of Work:            New [ ]            Alteration [ ]

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*I certify that the above work was designed in conformance with the current WA State Building Code. All heat load calculations, duct sizing, and equipment sizing documentation is available for review at the request of the Authority Having Jurisdiction and subject to any corrections deemed necessary upon such review. The installation of all work will be completed in accordance with the design documentation and any corrections identified upon review and/or inspection.*

Company Name: \_\_\_\_\_ Designer: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone Number: \_\_\_\_\_

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## **2018 Washington State Building Code References:**

*(Not all inclusive- for access to online codes, see our website at [www.cityofcheney.org](http://www.cityofcheney.org))*

### **WSEC Section R403.7: Equipment sizing and efficiency rating.**

*“Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies...”*

### **IRC Section M1601.1: Duct design.**

*“Duct systems serving heating, cooling and ventilation equipment shall be installed in accordance with the provisions of this section and ACCA Manual D, the manufacturer’s installations instructions or other approved methods.”*

### **IRC Section M1602.2: Return air openings. (See full section for additional provisions)**

*#2. The amount of return air taken from any room or space shall be not greater than the flow rate of supply air delivered to such room or space*

*#3 Return and transfer air openings shall be sized in accordance with the appliance or equipment manufacturer’s instructions, Manual D or the design of the registered design professional.*