

**North Idaho Code Enforcers (N.I.C.E.)**

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Regional Member of  
IDABO an ICC Chapter  
Member



## UPDATED MECHANICAL PERMIT MEMORANDUM

As announced to the public in June of this year, beginning January 1, 2010, the jurisdictions listed below will begin seeking compliance with Section 403.6 of the 2006 International Energy Conservation Code and Sections M1401.3 & M1601.1 of the International Residential Code. Compliance with these codes is required by Idaho Statute. These Code sections require that all gas/electric forced air heating and cooling equipment be sized based on load calculations in accordance with ACCA Manual J, and duct systems are sized and constructed in accordance with ACCA Manual D, or other approved methods. If an AC coil is installed without an AC unit, the system shall be sized as if the AC unit were installed.

Accurate documentation which demonstrates compliance will be required at the time of submittal for new construction building permits. Sizing of replacement or retrofit equipment will only apply to systems that were submitted for permits after January 1, 2010. The submittal documents shall consist of the following:

- ACCA Manuals J and D worksheets either in paper and pencil or spreadsheet. The free ACCA spreadsheets and a very good tutorial on how to use them are available at <http://www.acca.org/speedsheet/>; or
- ACCA certified software reports. The software is available for purchase at <http://www.acca.org/store/>; or
- Other methods which may be approved in the future by the jurisdictions; and
- The Manufacturer's data sheets for the specific proposed HVAC appliances; and
- A mechanical plan drawing which demonstrates the locations, sizes, and specific fittings of the duct system.

In the field, the system that is installed will be inspected for compliance with the approved mechanical plan.

Some of the methods require directly referencing the appropriate ACCA Manuals, which can be purchased online from ACCA at <http://www.acca.org/store/>. For the convenience of contractors and the public, N.I.C.E. will be donating these ACCA Manuals to the major area libraries in the near future.

In addition to the basic overview training that has already been provided, further training will be made available in the coming months in an effort to assist in making an easier transition toward these requirements. As always, please feel free to contact the appropriate jurisdiction to clarify their submittal requirements, but please remember that it is the responsibility of the applicant to prepare the documents for submittal.

Please note: Jurisdictions whose inspections are performed by the Idaho Division of Building Safety should contact them directly for their specific requirements.

*Debra Lane, President  
November 25, 2009  
North Idaho Code Enforcers*

City of Post Falls  
City of Coeur d'Alene  
City of Rathdrum  
Idaho Division of Building Safety, Area 1

Kootenai County  
City of Hayden  
City of Spirit Lake  
City of Sandpoint