



## MEMORANDUM

### Modular Structures Bulletin # 42

Date: March 18, 2010

To: All Industrialized Modular Building Manufactures

From: Manufactured Structures Section

Subject: *Minnesota Rule Chapter 1346*, Minnesota Mechanical and Fuel Gas Code

Dear IBC Manufactures,

The State of Minnesota Construction Code and Licensing Division, Manufacture Structures Section has communicated recent MN State Building Code (MSBC) rule changes and the effective dates for those changes to the majority of the manufactures through our seminars direct e-mails and telephone communications. The rules referenced above have been published and have been available for some time.

In order to clarify the applicability of the aforementioned rule changes and each manufacturer's UAP – MRR Part IV Section 2 (A) responsibilities, please be reminded that the current Minnesota Mechanical Code MN Rule 1346 was effective October 26, 2009. In accordance with the UAP and MRR October 26, 2009, is the official date of notice and any buildings placed into production on or after the effective date are required to comply with new rule and statute.

UPA Part IV Section 2(A) also requires each manufacturer to, within 180 calendar days of the adoption notice, submit design changes to the evaluation agency in order to update it's already approved building systems for rules changes made. To that end each manufacturer's design changes for the 2009 MN Rule 1346 are to be submitted to and approve by their respective third party agencies on or before April 14, 2010.

The following list has been compiled to assist the manufactures in developing design changes that reflect the rule changes referenced above and the changes that must be addressed in the manufacturer's building systems documents and/or individual plans when submitted for review. This list is not an all inclusive nor is it intended to be all inclusive:

- A. Heat load calculations;
- B. Cooling load calculations;
- C. Duct sizing and calculations according to manual D;
- D. Furnace sizing;
- E. Make-up air;
- F. Combustion-air;
- G. People ventilation;
- H. Location of equipment;
- I. Type of HVAC and water heating equipment to be used and their manuals;
- J. Vapor barrier/air barrier to be used;
- K. Wall and ceiling penetrations sealed;
- L. Installation manuals references for the conditions for or the limitations of warm air heating appliances and ventilation equipment.

Please feel free to contact CCLD at 651-284-5092 if you have any questions.