



Working to Create Michigan's Future Today

**Michigan Department of Energy, Labor & Economic Growth  
Bureau of Construction Codes  
P.O. Box 30254  
Lansing, Michigan 48909  
(517) 241-9302**

## **Bureau of Construction Codes Technical Bulletin**

Publication Number 54

Issued: December 8, 2008

# **2003 Michigan Uniform Energy Code Application**

*“Providing for Michigan’s Safety in the Built Environment”*

Technical bulletins are issued to provide clarification on issues that arise regarding code administration and enforcement. The information provided in the bulletin is developed to promote uniform interpretation and enforcement of the state codes.

DELEG is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

## **2003 MICHIGAN UNIFORM ENERGY CODE APPLICATION**

### **Issue**

This technical bulletin will outline and clarify the editions of referenced standards and/or codes and definitions within the 2003 Michigan Uniform Energy Code (MUEC).

### **Background**

In 2002, the Department of Energy, Labor & Economic Growth established a committee to review and update Michigan's Uniform Energy Code. After review and promulgation of the code, the Ingham County Circuit Court issued an injunction to halt the February 28, 2005, effective date of the rules. Therefore, the rules were pending litigation since that time. On October 24, 2008, this matter was before the court with a decision following to dismiss the complaint and dissolve the injunction; thereby making the rules effective immediately.

### **Discussion**

It was intended the 2003 MUEC be printed as a chapter within the body of the 2003 Michigan Residential Code (MRC). As this could not happen, the MUEC is printed as a separate document.

Printing the 2003 MUEC as a separate document removed the logical tie to the referenced standard chapter and definitions chapter of the 2003 MRC. Users shall refer to the standards listed in Chapter 43 and the definitions as defined in Chapter 2 of the 2003 MRC.

### **Conclusion**

The following table shows the standards referenced in the MUEC with the correct editions noted. This table will all be on the Bureau's website as an addendum to the Part 10 MUEC.

**Referenced standards applicable to the 2003 MUEC**

**ASTM**    **ASTM International**  
**100 Barr Harbor Drive**  
**West Conshohocken, PA 19428**

<b>Standard Reference Number</b>	<b>Title</b>	<b>Referenced in Code Section Number</b>
ASTM C-236-89 (1993) e1	Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box	N1102.1.1.1
ASTM C-976-90(1996) e1	Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box	N1102.1.1.1
ASTM E-96-00	Test Method for Water Vapor Transmission of Materials	N1102.1.7
ASTM E-283-99	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen	N1102.1.11

**ICC**        **International Code Council**  
**500 New Jersey Ave, NW, 6<sup>th</sup> Floor**  
**Washington, D.C. 20001**

<b>Standard Reference Number</b>	<b>Title</b>	<b>Referenced in Code Section Number</b>
IECC-03	International Energy Conservation Code	N1101.2.1, N1101.3.2.1, N1101.3.2.2, N1102.1, N1102.1.6, N1103.1 N1104.1

**NFRC**        **National Fenestration Rating Council, Inc.**  
**1300 Spring Park, Suite 320**  
**Silver Spring, MD 20910**

<b>Standard Reference Number</b>	<b>Title</b>	<b>Referenced in Code Section Number</b>
NFRC 100-2001	Procedure for Determining Fenestration Product U-factors	N1101.3.2, N1101.3.2.1
NFRC 200-2001	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence	N1101.3.2, N1101.3.2.1
NFRC 400-2001	Procedure for Determining Fenestration Product Air Leakage	N1101.3.2.2

**MUEC 2003 also references a mechanical section of the 2003 MRC:**

N1103.4 – ducts sealed in accordance with **Section M1601.3.1** (of 2003 MRC).

Questions regarding this technical bulletin may be directed to the Michigan Department of Energy, Labor & Economic Growth, Bureau of Construction Codes, P.O. Box 30254, Lansing, MI 48909 or by calling the Building Division 517/241-9317; Mechanical Division 517/241-9325 or Electrical Division 517/241-9320.