



## Policy

June 13, 2002  
Building Services Division  
Department of Public Safety  
667 N. Carroll Ave.

**SUBJECT: Building Fenestration U values**

**By:** Paul Ward, Building Official,

**Background:** The Texas 76<sup>th</sup> Legislature adopted the 2000 IECC and IRC effective September 1, 2001. The Cities are required to enforce the codes not later than September 1, 2002. The NCTCOG has recommended the cities begin enforcement January 1, 2001. The City adopted the International Energy Conservation Code, 2000 Edition and the energy provisions of chapter 11, International Residential Code for One- and Two- Family Dwellings effective January 1, 2001. The U. S. Department of Energy developed a software program titled MECCheck designed to verify compliance with the IECC. The printout demonstrates the dwelling would comply with the energy code if all the items listed are properly installed. The computer program allows various items to be more or less than required by code so long as the total overall effect is at least equivalent to the minimums required.

### **Policies :**

In order for the inspector to verify compliance it is necessary for the applicant to provide a table listing windows and doors attached to the plans. The table would need to have a key number or letter corresponding to specific window or door units on the building plans. The table would then list the unit size and description, number of such units and their NFRC ratings for U values and SHGC.

Separately, the plan should show the wall area calculations to justify the areas specified in the MECCheck printout.

The attached form may be used for the Table layout.

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Paul Ward