

2009 International Energy Conservation Code Commercial Building Compliance

Milliken has adopted the 2009 International Energy Conservation Code (IECC) to promote energy conservation. New construction, core and shell buildings, additions, alterations (including some electrical and mechanical alternations) and remodels must comply with the IECC. A set of detailed plans, stamped and signed by a State of Colorado licensed architect or engineer are required to show energy code compliance.

1. **Two Set of Plans** – Must demonstrate compliance with the Commercial Provisions of the IECC.
 - a. **Building Envelope** – New construction and alterations affecting exterior envelope components (walls, ceilings, floors or windows) must demonstrate compliance.
 - b. **Mechanical Systems** – New/enlarged HVAC systems must demonstrate compliance.
 - c. **Lighting Systems** – New/additional light fixture installations must demonstrate compliance.
 - d. **Service Water Heating Systems** – Service water heating systems must demonstrate compliance.

All envelopes and systems, mechanical, service water heating and lighting systems must be designed and installed in accordance with the IECC.

An alternate Acceptable Practice Method of compliance may be demonstrated using a simple software package called ComCheck EZ (the ComCheck Plus software may also be used). This software package may be downloaded free of charge from the U.S. Department of Energy's web site at www.energycodes.gov.

The software contains detailed information with step-by-step instructions. The ComCheck report must be signed and stamped by a licensed architect or engineer.