

**CTC Meeting #27  
JUNE 17 – 18, 2013  
Relocatable Modular Buildings: Group B and C report**

The following 2013 Group B changes have been compiled for the above noted CTC Area of Study. Code changes with an (\*) indicate CTC sponsored code changes. These changes are intended to serve as the agenda for the CTC in order to establish CTC public comments, if any, for the upcoming 2013 Group B Final Action Hearings. THIS REPORT ONLY INCLUDES THOSE CODE CHANGES FOR WHICH CTC HAS TAKEN A POSITION ON A CODE CHANGE.

**EB62 – 13\* (provided for reference as it relates to the IgCC)**

**EB62 – 13**

**CAH ACTION: AS**

**Proponent:** Carl Baldassarra, P.E., Chair, ICC Code Technology Committee

**Add new definition as follows:**

**SECTION 202  
GENERAL DEFINITIONS**

**RELOCATABLE BUILDING.** A partially or completely assembled building constructed and designed to be reused multiple times and transported to different building sites.

**Revise as follows:**

**1301.1 Scope.** This chapter provides requirements for relocated or moved structures, including relocatable buildings as defined in Chapter 2.

---

## **GROUP C – IgCC**

The IgCC includes the following text related to relocatable buildings which the CTC may want to look at in terms of a possible IgCC code change (due January 6, 2014).

### **SECTION 202 DEFINITIONS**

**RELOCATABLE (RELOCATED) MODULAR BUILDING.** A partially or completely assembled building using a modular construction process and designed to be reused or repurposed multiple times and transported to different building sites.

### **CHAPTER 3 JURISDICTONAL REQUIREMENTS AND LIFE CYCLE ASSESSMENT SECTION 303 WHOLE BUILDING LIFE CYCLE ASSESSMENT**

**303.1 Whole building life cycle assessment.** Where a whole building life cycle assessment is performed in accordance with Section 303.1, compliance with Section 505 shall not be required. The requirements for the execution of a whole building life cycle assessment shall be performed in accordance with the following:

1. The assessment shall demonstrate that the building project achieves not less than a 20-percent improvement in environmental performance for global warming potential and at least two of the following impact measures, as compared to a reference design of similar usable floor area, function and

configuration that meets the minimum energy requirements of this code and the structural requirements of the *International Building Code*. For **relocatable buildings**, the reference design shall be comprised of the number of reference buildings equal to the estimated number of uses of **the relocatable building**.

- 1.1. Primary energy use.
- 1.2. Acidification potential.
- 1.3. Eutrophication potential.
- 1.4. Ozone depletion potential.
- 1.5. Smog potential.

4. Building operational energy shall be included. For **relocatable buildings**, an average building operational energy shall be estimated to reflect potential changes in location, siting, and configuration by adding or subtracting modules, or function.

6. Maintenance and replacement schedules and actions for components shall be included in the assessment. For **relocatable buildings**, average transportation energy, material and waste generation associated with reuse of **relocatable buildings** shall be included in the assessment.

## **CHAPTER 10 EXISTING BUILDINGS**

### **SECTION 1001 GENERAL**

**1001.1 Scope.** The provisions of this chapter shall control the alteration, repair, addition, maintenance and operation and change of occupancy of existing buildings and structures. **Relocated existing buildings** shall comply with Chapter 10. Existing building sites shall comply with Chapter 11.

### **SECTION 1002 ADDITIONS**

**1002.1 General.** Additions to any site-built building or structure shall comply with the requirements of this code for new construction. Any addition to a modular building that is **relocated** within or into a jurisdiction that is in compliance with requirements or approvals in effect at the time of its construction shall comply with Section 1002 of this code.

### **SECTION 1003 ALTERATIONS TO EXISTING BUILDINGS**

**1003.1 General.** Alterations to existing buildings and building systems shall be in accordance with the provisions of this code for those assemblies, systems and components being altered. Unaltered portions, components and systems of the building, including **relocated modular buildings**, shall be in accordance with the provisions of the code in force at the time of their construction. Alterations shall not be made to an existing building or structure that will cause the existing building or structure to be in violation of any provisions of this code.