

GEW124-14

608.10, 608.11, 903.1, Table 903.1

Proponent: Brenda Thompson, Chair, representing Sustainability, Energy, High Performance Code Action Committee (SEHPCAC@iccsafe.org)

Delete without substitution:

~~**608.10 Verification of lamps and ballasts.**— Prior to issuance of a certificate of occupancy, the field inspector shall confirm the installation of luminaires, type and quantity; lamps, type, wattage and quantity; and ballasts, type and performance for not less than one representative luminaire of each type, for consistency with the *approved* construction documents. Where a discrepancy is found, energy calculations shall be revised and resubmitted.~~

~~**608.11 Verification of lighting controls.**— Prior to issuance of a certificate of occupancy, the field inspector shall confirm the installation of lighting controls shown on the *approved* construction documents. Where a discrepancy is found, the installation shall be reviewed for conformance to the *International Energy Conservation Code* and Sections 608.2, 608.3, 608.4, 608.5, and 608.6.~~

Revise as follows:

903.1 General. Where application is made for construction as described in this section, the registered design professional in responsible charge or approved agency shall perform commissioning during construction and after occupancy as required by Table 903.1. Where Table 903.1 specifies that commissioning is to be done on a periodic basis, the registered design professional in responsible charge shall provide a schedule of periodic commissioning with the submittal documents that shall be reviewed and *approved* by the *code official*.

The approved agency shall be qualified and shall demonstrate competence, to the satisfaction of the *code official*, for the commissioning of the particular type of construction or operation. The registered design professional in responsible charge and engineers of record involved in the design of the project are permitted to act as the approved agency provided those personnel meet the qualification requirements of this section to the satisfaction of the *code official*. The approved agency shall provide written documentation to the *code official* demonstrating competence and relevant experience or training. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of commissioning activities for projects of similar complexity and material qualities.

**TABLE 903.1
COMMISSIONING PLAN**

CONSTRUCTION OR SYSTEM REQUIRING VERIFICATION	PREOCCUPANCY	POST-OCCUPANCY	METHOD	OCCURRENCE		SECTION/REFERENCED STANDARD
				Preoccupancy	Post-occupancy	
Chapter 6: Lighting						
Auto demand reduction control system functionality	X	X	Functional testing	Final inspection	18-24 months	604.4
Plug load controls	X	None	Functional testing	Final inspection	None	608.6
Connection of appliances to switched receptacles	—	X	Field inspection	None	18-24 months	608.6

CONSTRUCTION OR SYSTEM REQUIRING VERIFICATION	PREOCCUPANCY	POST-OCCUPANCY	METHOD	OCCURRENCE		SECTION/REFERENCED STANDARD
				Preoccupancy	Post-occupancy	
Specified transformer nameplate efficiency rating	X	None	Field inspection	Final inspection	None	608.8.1.1
Verification of lamp installed lighting efficiencies	X	X	Field inspection	Final inspection	18-24 months	608.10 608.1, 608.9
Verification of ballast	X	None	Field inspection	Final inspection	None	608.10 608.1, 608.9
Lighting controls						
a. Installation	X	None	Field inspection	Post-installation	None	608.11 608.1, 608.2, 608.3, 608.4, 608.5, 608.6
b. Calibration	X	X	System installer/contract or or commissioning agent	Post-installation	18-24 months	611.3.3

(Portions of Table not shown remain unchanged)

Reason: This proposal was submitted by the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC). The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. In 2012 and 2013, the SEHPCAC has held six two-day open meetings and 50 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments. Related documentation and reports are posted on the SEHPCAC website at: <http://www.iccsafe.org/cs/SEHPCAC/Pages/default.aspx>.

The provisions are unnecessary as they are simply restating the basic process of inspecting the building, building elements and installed equipment prior to issuing a certificate of occupancy. All inspections are based on the approved construction documents. Every inspector knows what to do if the installation doesn't comply with the plans. There is no reason for restatement in Section 608. Deletion of these sections requires clarification in Table 903.1 for commissioning and inspection efforts. The intent of the commissioning/inspection requirement of verification of lamps is to determine that the correct installations are made to obtain planned efficiencies. Lighting controls are specified in Sections 608.1 through 608.6. Compliance with those provisions should be specified in Table 903.1

The committee has submitted a more comprehensive change addressing commissioning, inspection and Chapter 9. This change to remove these sections needs to be addressed separately.

Cost Impact: Will not increase the cost of construction. The change is editorial in nature. It eliminates text which is procedural in nature and not needed within a typical construction code.

GEW124-14: 608.10-THOMPSON572