

Errata to the 2013 Nonresidential Compliance Manual

This package of inserts updates the 2013 Nonresidential Compliance Manual.

HOW TO DETERMINE WHERE CHANGES HAVE BEEN MADE

- | **Sidebars** in the margins indicate specific locations in the text where *insertions and deletions* have been made. Sidebars appearing in the margins not listed in the summary table indicate formatting changes.
- * **Asterisks**, used in the summary table below, indicate those pages, which may include but not limited to those shown with sidebars, that are different from the original 2013 edition because of insertions moving existing text to the next page. All pages listed in the parentheses as well as those in the *Page(s) with Updates* column require a new print to show the errata incorporation. Note that a new footer appears on those pages with the date of November 2015. Unchanged pages display the footer of January 2014.

CHAPTER	PAGE(S) WITH UPDATES	SUMMARY OF CHANGES
Chapter 2		
2	2-9*	Added the NRCC-LTO-03-E, NRCC-ENV-06-E, NRCC-MCH-06-E, and NRCC-MCH-07-E forms to Table 2-1. *(Pages 2-9 through 2-10 impacted by edits as body text pushed to subsequent pages).
2	2-20, 21	Corrected form numbers Table 2-4. Deleted the letter "A" for each PRC form and changed it to letter "F" under Processes.
Chapter 3		
3	3-10	Rewrote the sentence under Default Temporary Label.
3	3-15	Added air leakage reference to 110.7. Clarified the language on what types of fenestration needed to be caulked, gasketed, weather-stripped, or sealed.
3	3-16	Clarified and added language on dynamic glazing.
3	3-17	Deleted reference and replaced with 140.3-B and 140.3C.
3	3-21	Modified section 3.2.7.
3	3-32, 34, 35, 38, 39	Corrected and renumbered Table numbering for Table 3-4, Table 3-5, Table 3-6, and Table 3-8 and to correspond to references throughout the document.
3	3-41	Removed Example 3-6.
Chapter 4		
4	4-28	Corrected reference to incorrect table numbers.
4	4-29-32	Updated Table 4-13 and 4-14 to reflect CBC. Updated the ventilation Table 4-14 in Chapter 4 to reflect the 2013 CBC and CMC.
4	4-85	Edited example 4-36.
4	4-125	Fixed reference section 140.4(j).
Chapter 5		
5	5-4, 6, 7	Fixed reference numbers.

5	5-37	Modified language for automatic daylighting controls.
5	5-38	Modified light level language in paragraph below Figure 5-11.
Chapter 6		
6	6-12	Corrected name in table to say “Glare” rather than “Uplight”.
Chapter 8		
8	8-33	Corrected percentages for for feeders and branch circuits.
Chapter 9		
9	9-1	Updated language to clarify buildings covered are nonresidential and added Energy Standards term.
Chapter 10		
10	10-1, 2*	Added NRCC and NRCA prefixes to appropriate compliance forms. *(Pages 10-9 through 10-115 impacted by edits as body text pushed to subsequent pages).
10	10-5	Removed clause that stated: “Mechanical systems serving commercial kitchens are not currently regulated by Title 24.”
10	10-8	Clarified 75% exception and total exhaust language.
10	10-8	Added language to clarify the calculation of hood exhaust minus the available transfer air with a kitchen space example.
10	10-10	Added recommendation for another noteworthy design modification to improve efficiency for Example 10-3.
10	10-12	Deleted language for tempered air with evaporative cooling (kitchen ventilation).
10	10-13	Added NRCC prefix and –E suffix to form names to meet compliance document form naming convention. Changed wording under Total Installed Cooling Capacity.
10	10-14	Added further explanation as to what is different for economizers for Computer Rooms than non-computer rooms.
10	10-16	Revised answer to the Example 10-5 Question. Revised explanation to answer for Example 10-7 Question.
10	10-18	Added statement that “Systems that are designed for a higher airside change in temperature (25F) will have an easier time meeting this requirement than systems designed for lower temperature change (15F).
10	10-19	Added NRCC prefix and –E suffix to form names to meet compliance document form naming convention.
10	10-20	Updated Section references.
10	10-28,31,33,34,38,39-42, 46, 47,50	Edited references to Figures 10-7 through 10-26.
10	10-51,52,54	Added NRCC prefix and –E suffix to form names to meet compliance document form naming convention.
10	10-70	Added “Figure 10-37” to text for additional reference. Added clarity to affinity law explanation.

10	10- 91,95-97,100,102, 105	Added NRCC prefix and –E suffix to form names to meet compliance document form naming convention and edited figure references.
10	10-114,115	Replaced MMBh with the correct designation of MMBtu/h.
Chapter 13		
13	13-1*	Modified Acceptance Requirements language. *(Pages 13-2 through 13-223 impacted by edits as body text pushed to subsequent pages).
13	13-3, 4	Modified Overview, Roles and Responsibilities, and Field Technician language.
13	13-20, 21	Modified product specification sheet requirements to prove compliance with AMCA Standard 500 for damper leakage rates and added example certification product labels.
13	13-23, 24	Added clarity to documents description.
13	13-26	Modified accompanying documents language.
13	13-37, 38, 39	Added “Step 1: Disable demand control ventilation, if applicable.” Re-numbered subsequent steps.
13	13-51	Changed references from CBPCA to USERA.
13	13-64	Simplified language for unitary systems 65,000 Btu/hr or less. Reduced the terminal wiring descriptions.
13	13-77	Added clarification that BAS programming shall control the supply fan motor control either by VFD or ECM motor control.
13	13-85	Revised qualified methods to calibrate temperature sensors during construction inspection.
13	13-89	Revised qualified methods to calibrate differential pressure sensors during construction inspection.
13	13-93	Removed refrigerant diagnostic sensor test.
13	13-96, 97	Modified fault titles (Damper/actuator fault and Valve/actuator fault) reported by FDD during functional testing for zone terminal units.
13	13-115	Edited the references to the Nonresidential forms in the “Test Procedures for Indoor & Outdoor Lighting” section.
13	13-116	Added language and reference for daylighting controls in Secondary Sidelit Zones.
13	13-148	Removed preventative information for occupant sensors falsely triggering due to heavy airflow during the construction inspection.
13	13-156	Simplified explanation of the purpose of the test for Outdoor Lighting Shut-off Controls (NA7.8).
Appendices		
Appendix A	A-3	Revised form name and verification agency
Appendix A	A-4*	Added form NRCI-PLB-22-H HERS Verified Single Dwelling Unit Hot Water System Distribution. *(Pages A-4 through A-6 impacted by edits as body text pushed to subsequent pages).

Questions regarding the 2013 Building Energy Efficiency Standard Update can be directed to the Energy Hotline. (800) 752-6245 or Title24@energy.ca.gov