

10 Covered Processes

1. Footer to be updated for 2013 version.

10.2 Refrigerated Warehouses

1. Images appear to have been compressed causing blurriness. Please retry inserting images from original document, or let VaCom know and we will work with you to provide readable images. We can send individual image files if needed. (Example 10-7 Figure, Example 10-8 Figure, Figure 10-6, Figure 10-8, Figure 10-10, Example 10-10 Figure, Example 10-11 Figure, Example 10-16 Figure, Example 10-15 Figure, Example 10-21 Figure, Example 10-22 Figure)
2. Page-3 (Last sentence of first paragraph): Change "Chapter 10" to "Section 10.2"
3. Page-5&6: Table 10-1 Caption on a different page then the table.
4. Page-6: Example 10-7 answer references Table 8-1 but should be 10-1.
5. Page-7: Figure 10-1 reference font
6. Page-12, Acceptance Requirements: Change reference to "Chapter 10" to "Chapter 13"
7. Page-13: The two paragraphs on this page are duplicated from Page-12.
8. Page-14: Figure 10-7 Needs Images needs update. See attached.
9. Page-21: Example 10-1212 label should be Example 10-12.
10. Page-21: Answer for 10-12 should read "-20°F (-29°C)" not "-20°F (-7°C)"
11. Page-23: Condenser heading # should be C not A.
12. Page-26: Sizing of Evaporative Condensers, Fluid Coolers, and Cooling Towers is a sub heading and should be emphasized.
13. Page-27: Sizing of Air-Cooled Condenser is a sub heading and should be emphasized.
14. Page-29: Un-highlight sentence.
15. Page-31: Last sentence includes reference should be Table 10-4 not table 10-5.
16. Page-32: Second paragraph Table reference should be Table 10-4 not Table 8-4.
17. Page-34: Condenser Fin Spacing is a sub heading and should be emphasized.
18. Page-34: Compressor heading # should be D not B.
19. Page-36: Acceptance Requirements heading # should be E not C.
20. Page-37: First paragraph after list should reference Chapter 13 not Chapter 10.
21. Page-38: Reference to section 140.9 should be 141.1
22. Page-38: Revise first paragraph to: "Requirements related to refrigerated warehouse additions and alterations are covered by the Standards in 141.1(a). The specific requirements for additions and alterations for commercial refrigeration are included in 120.6(a). Definitions relevant to refrigerated warehouses include:"
23. Page-38: Remove 3 instances of "See 149(*)1."
24. Page-38: Remove "When refrigeration is provided for an alteration or addition by expanding ... for refrigerated warehouses. However, "

25. Page-38: Example 10-23 answer, insert “plant” after existing refrigeration
26. Page-39: Example 10-24 answer change to “Only the new equipment installed in the added refrigerated space and any new compressors added to the existing plant are subject to the requirements of the Standards. If a new refrigeration system was installed with a new condenser for the addition then the new condenser must also comply with the Standards.”
27. Page-39: RWH-1C to PRC-06 and RWH-5C to PRC-08
28. Page-40: RWH-1C to PRC-06
29. Page-40: Indent New construction, Addition, and Alteration paragraphs.
30. Page-40: Update highlighted text to 1.6, 1.6.11 and 1.6.12, 2, 1.6.14, and 1.6.13
31. Page-41: Remove highlighting
32. Page-41: The 2008 Mechanical Systems CH4 of the compliance manual contained a sample RWH mandatory measure code block. The 2013 version of the mechanical systems does not contain the sample RWH measure block. A sample mandatory measure block could be added to give the user an example similar to what was done for commercial refrigeration on page 77.
33. Page-41: “Required Acceptance Test” heading should “Required Acceptance Test (Page 2)”.
34. Page-42: RWH-2C to PRC-07
35. Page-43: PRC-08 instead of RWH-06
36. Page-43: The RWH-4C form is now part of PRC-06 on page 3 and 4. This content should be moved to before the PRC-07 descriptions.

10.3 Commercial Refrigeration

1. Images appear to have been compressed causing blurriness. Please retry inserting images from original document, or let VaCom know and we will work with you to provide readable images. We can send individual image files if needed. (Figure 10-12, Figure 10-13, Figure 10-14, Example 10-41 on Page-69 table and equations)
2. Page-45: Second sentence of overview should remove “acceptance testing of equipment and systems”. The acceptance tests are not mandatory in the 2013 code.
3. Page-45: Chapter organization is missing a bullet for “Section 10.3.7 Compliance Documentation”
4. Page-46: 10.3.2 heading should be “Condensers Mandatory Requirements”
5. Page-47: The second to last sentence in the question is missing a period.
6. Page-48: First sentence of 2nd to last paragraph contains reference to 120.6(a)4E but it should be 120.6(b)1C
7. Page-52: 10.3.3 Heading to be “Compressor System Mandatory Requirements”
8. Page-62: “Direct Heat Recovery” is a subheading and should be emphasized.
9. Page-63: “Indirect Heat Recovery” is a subheading and should be emphasized.
10. Page-65: “Holdback Considerations” is a subheading and should be emphasized.
11. Page-66: “Heat Recovery and Floating Head Pressure” is a subheading and should be emphasized.

12. Page-67: "Recovery Coil Sizing Example" is a subheading and should be emphasized.
13. Page-69: "Air-side Integration Considerations" is a subheading and should be emphasized.
14. Page-71: "Calculating Charge Increase" is a subheading and should be emphasized.
15. Page-73: Example 43 table is wider than example width.
16. Page-75: 141.1(a) should be 141.1(b)
17. Page-75: CR-1C is now PRC-05
18. Page-76: CR-1C is now PRC-05
19. Page-76: Sections referenced for the Phase of Construction to be revised as follows: 1.6, 1.6.11 and 1.6.12, 1.6.14, and 1.6.13
20. Page-78: CR-1C is now PRC-05
21. Page-78: CR-2C is now PRC-05