



| Project Name and Address | Authority Having Jurisdiction |
|--------------------------|-------------------------------|
| Name:                    | Enforcement Agency:           |
| Address:                 | Permit Number:                |
| City, Zip Code:          | Permit Application Date:      |

|           |        |       |              |
|-----------|--------|-------|--------------|
| Building: | Floor: | Room: | Control/tag: |
|-----------|--------|-------|--------------|

|                                                                                                                            |                        |
|----------------------------------------------------------------------------------------------------------------------------|------------------------|
| <input type="checkbox"/> Construction inspection and functional testing comply<br><input type="checkbox"/> Does not comply | Date Submitted to AHJ: |
|----------------------------------------------------------------------------------------------------------------------------|------------------------|

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|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intent:</b> | Refrigerated warehouse evaporators and fan control acceptance test. Verify that the evaporator fans are controlled to modulate their speed in response to space temperature or relative humidity changes. Submit one Certificate of Acceptance for each system that must demonstrate compliance. Reference Section 120.6(a)7B, NA7.10.2. |
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**Table A: Construction Inspection**

Prior to functional testing, verify and document all of the following:

| Step | Entry                                                          | Item                                                                                                                                                                                   | Code Reference                 |
|------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 1.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Access to required document NRCC-PRC-E as approved by the authority having jurisdiction.                                                                                               | 10-103(a)2A                    |
| 2.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | All refrigerated space temperature and humidity sensors used for control are verified to read accurately (or provide an appropriate offset) using a temperature and humidity standard. | NA7.10.2.1(a)<br>NA7.10.2.1(b) |
| 3.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | All refrigerated space temperature and humidity sensors used for control are mounted in a location away from direct evaporator discharge air draft.                                    | NA7.10.2.1(c)                  |
| 4.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | All fan motors are operational and rotating in the correct direction.                                                                                                                  | NA7.10.2.1(d)                  |
| 5.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Fan speed control is operational and connected to evaporator fan motors.                                                                                                               | NA7.10.2.1(e)                  |
| 6.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | All speed controls are in "auto" mode.                                                                                                                                                 | NA7.10.2.1(f)                  |
| 7.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Check "Pass" if construction inspection <b>complies</b> with all requirements.<br>Check "Fail" if construction inspection <b>does not comply</b> with all requirements.                | N/A                            |

**Table B: Functional Testing**

| Step | Entry                                                          | Functional Test                                                                                                                                                                                                                                                                                                                                                                       | Code Reference         |
|------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Disable any conflicting controls (such as defrost override) if currently active.                                                                                                                                                                                                                                                                                                      | N/A                    |
| 2.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Measure current space temperature or humidity. Program this temperature or humidity as the test temperature or humidity setpoint into the control system for the functional test steps. Allow 5 minutes for system to normalize.                                                                                                                                                      | NA7.10.2.2<br>(Step 1) |
| 3.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Using the control system, lower test temperature or humidity setpoint in 1 degree or 1% RH increments below any control dead band range and verify both of the following occur: <ul style="list-style-type: none"><li>• The evaporator fan controls modulate to increase fan motor speed; and</li><li>• The evaporator fan motor speed increases in response to controls.</li></ul>   | NA7.10.2.2<br>(Step 2) |
| 4.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Using the control system, raise the test temperature or humidity setpoint in 1 degree or 1% RH increments above any control dead band range and verify the following occur: <ul style="list-style-type: none"><li>• Evaporator fan controls modulate to decrease fan motor speed; and</li><li>• Evaporator fan motor speed decreases in response to controls; and</li><li>•</li></ul> | NA7.10.2.2<br>(Step 3) |
| 4.1  |                                                                | Minimum fan motor control speed (rpm or percent of full speed).                                                                                                                                                                                                                                                                                                                       | NA7.10.2.2<br>(Step 3) |
| 5.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Restore control system to original zone space setpoint and restore controls disabled in Step 1.                                                                                                                                                                                                                                                                                       | NA7.10.2.2<br>(Step 4) |
| 6.0  | <input type="checkbox"/> Pass<br><input type="checkbox"/> Fail | Verify that the Functional Test is completed and complies with all requirements.                                                                                                                                                                                                                                                                                                      | N/A                    |



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| <b>Document Author</b><br>I assert that this Certificate of Acceptance documentation is accurate and complete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Author Name<br><br>Company Name<br><br>Author Signature<br><br>Date Signed                                                        |
| <b>Field Technician</b><br>I certify the following under penalty of perjury, under the laws of the State of California:<br>The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Field Tech. Name<br><br>Company Name<br><br>Title<br><br>Phone<br><br>Field Tech. Signature<br><br>Date Signed                    |
| <b>Responsible Person</b><br>I assert the following under penalty of perjury, under the laws of the State of California:<br>I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement. The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building and shall be made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to fulfill this requirement. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy. I will take the necessary steps to ensure this requirement. | Responsible Name<br><br>Company Name<br><br>License No.<br><br>Title<br><br>Phone<br><br>Responsible Signature<br><br>Date Signed |