CERTIFICATE OF ACCEPTANCE - Refrigerated Warehouse	NRCA-PRC-04-A
NA7.10.2 Evaporator Fan Motor Controls Acceptance	**(Page 1 of 2)**

Project Name/Address:	
System Name or Identification/Tag:	System Location or Area Served:

Enforcement Agency:	Permit Number:
Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.	Enforcement Agency Use: Checked by/Date

Documentation Author's Declaration Statement

- **I certify that this Certificate of Acceptance documentation is accurate and complete.**

Name:	Signature:
Company:	Date:
Address:	If Applicable: ☐ CEA or ☐ CEPE (Certification #):
City/State/Zip:	Phone:

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form 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 Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name:		
Field Technician's Name:		Field Technician's Signature:
	Date Signed:	Position With Company (Title):

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that 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 form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form 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 Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.
- I will ensure 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 made available to the enforcement agency for all applicable inspections. 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.

Company Name:		Phone:
Responsible Person's Name:		Responsible Person's Signature:
License:	Date Signed:	Position With Company (Title):

Project Name/Address:

System Name or Identification/Tag:	System Location or Area Served:

Intent: *Verify that the evaporator fans are controlled to modulate their speed in response to space temperature or humidity*

Construction Inspection

1 Instrumentation to perform test includes, but is not limited to:

a. Calibrated temperature sensor

b. Calibrated relative humidity sensor

2 Installation

□ All refrigerated space temperature sensors used for control are verified to read accurately (or provide an appropriate offset) using a temperature standard.

□ All refrigerated space humidity sensors used for control are verified to read accurately (or provide an appropriate offset) using a humidity standard.

□ All refrigerated space temperature and humidity sensors are verified to be mounted in a location away from direct evaporator discharge air draft.

□ Verify that all fans motors are operational and rotating in the correct direction.

□ Verify that fan speed control is operational and connected to evaporator fan motors.

□ Verify that all speed controls are in "auto" mode.

3 Documentation of all temperature and humidity sensors including (check one of the following):

a. Calibration method
□ Factory calibrated – a calibration certificate must be attached
□ Field calibrated

b. Temperature sensor accuracy
□ Certified by manufacturer to be no more than +/- 0.7°F between -30°F and 200°F.

c. Relative humidity sensor accuracy
□ Certified by manufacturer to be no more than +/- 1% between 5% and 90% RH.

A. Functional Testing	**Results**
Step 1: Measure current space temperature or humidity. Program this temperature or humidity as the test temperature or humidity set point into the control system for the functional test steps. Allow 5 minutes for system to normalize.	
Step 2: Using the control system, lower test temperature or humidity set point in 1 degree or 1% RH increments below any control dead band range. Verify the following:	
a. Evaporator fan controls modulate to increase fan motor speed.	Y / N
b. Evaporator fan motor speed increases in response to controls.	Y / N
Step 3: Using the control system, raise the test temperature or humidity set point in 1 degree or 1% RH increments above any control dead band range until fans go to minimum speed. Verify the following:	
a. Evaporator fan controls modulate to decrease fan motor speed.	Y / N
b. Evaporator fan motor speed decreases in response to controls.	Y / N
c. Minimum fan motor control speed (rpm or percent of full speed).	rpm %
Step 4: Restore control system to correct control set points.	Y / N

B. Testing Results	**PASS**	**FAIL**
Step 2: Using the control system, lower test temperature or humidity set point in 1 degree or 1% RH increments below any control dead band range.		
Step 3: Using the control system, raise the test temperature or humidity set point in 1 degree or 1% RH increments above any control dead band range until fans go to minimum speed.		

C. Evaluation:

□ PASS: All **Construction Inspection** responses are complete and all **Testing Results** responses are "Pass"