

NA7.5.8 Supply Water Temperature Reset Controls Acceptance

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, engineer, or architect 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):

Intent:	<i>Ensure that both the chilled water and hot water supply temperatures are automatically reset based on either building loads or outdoor air temperature, as indicated in the control sequences.</i>
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Construction Inspection

1. Supporting documentation needed to perform test includes, but not limited to:
 - a. 2013 Building Energy Efficiency Standards Nonresidential Compliance Manual (NA7.5.8 Supply Water Temperature Reset Controls Acceptance At-A-Glance)
2. Instrumentation to perform test includes, but is not limited to:
 - a. Calibrated reference temperature sensor, icewater, or drywell bath.
 1. Calibration Date: _____ (must be within last year).
3. Document that hydronic system supply temperature sensor(s) have been field calibrated: (check the following that apply):
 - Field-calibrated by TAB contractor or other.
 - Calibration complete, hydronic system supply temperature sensors within 1% of calibrated reference sensor, icewater or drywell bath.
 - Provide supporting documentation.
 - Performed field-calibration using calibrated reference temperature sensor or drywell bath.
 - Calibration complete, hydronic system supply temperature sensors within 1% of calibrated reference sensor, icewater or drywell bath. (Provide supporting documentation).

A. Functional Testing	Results
Step 1: Test Maximum Reset Value	
a. Change reset control variable to its maximum value. This can be accomplished by any one of the following (check method):	<input type="checkbox"/>
<input type="checkbox"/> Commanding at least one coil valve to 100% open	
<input type="checkbox"/> Adjust discharge air temperature or zone temperature setpoints to drive a valve into a 100% open.	
<input type="checkbox"/> Override actual outdoor air sensor to exceed maximum water temperature boundary value.	
b. Verify that chilled or hot water temperature setpoint is reset to appropriate value.	Y / N
c. Verify that actual system temperature changes to within 2% of the new setpoint.	Y / N
Step 2: Test Minimum Reset Value	
a. Change reset control variable to its minimum value	<input type="checkbox"/>
b. Verify that chilled or hot water temperature setpoint is reset to appropriate value	Y / N
c. Verify that actual system temperature changes to within 2% of the new setpoint	Y / N
Step 3: Test Automatic Control of Reset Control Variable.	
a. Restore reset control variable to automatic control	<input type="checkbox"/>
b. Verify that chilled or hot water temperature setpoint is reset to appropriate value	Y / N
c. Verify that actual supply temperature changes to meet setpoint	Y / N
d. Verify that actual supply temperature changes to within 2% of the new setpoint	Y / N

B. Testing Results	PASS / FAIL	
System passes criteria in 1c, 2c and 3d	<input type="checkbox"/>	<input type="checkbox"/>

