

Enforcement Agency:	Permit Number:
<i>Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.</i>	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 <input type="checkbox"/> CEA or <input type="checkbox"/> 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 professional 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):
<b>Intent:</b>	<b><i>Ensure that the condenser water supply temperature is automatically reset as indicated in the control sequence(s).</i></b>	

<b>Construction Inspection</b>	
<p>1. Supporting documentation needed to perform test may include, but is not limited to:</p> <ul style="list-style-type: none"> <li>a. As-built and/or Design Documents, including Mechanical Equipment Schedules and control schedules.</li> <li>b. 2013 Building Energy Efficiency Standards Nonresidential Compliance Manual (NA7.5.65 Condenser Water Supply Temperature Reset Controls Acceptance At-A-Glance).</li> <li>c. Building Energy Efficiency Standards Nonresidential Appendix (Section NA7).</li> </ul>	
<p>2. Instrumentation to perform test includes, but is not limited to:</p> <ul style="list-style-type: none"> <li>a. Hand-held temperature sensor _____ Date of calibration (must be within 1 year)</li> <li>b. Hand-held relative humidity or wet-bulb temperature sensor / psychrometer _____ Date of calibration (must be within 1 year)</li> </ul>	
<p>3. Installation Verification:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check if the condenser water supply system and control system are installed per the system design, as documented on the building plans or as-builts.</li> <li><input type="checkbox"/> Check if condenser water supply temperature control sequence, including condenser water supply high and low limits, are available and documented in the building documents.</li> <li><input type="checkbox"/> Check if all cooling tower fan motors are operational, and cooling tower fan speed controls (e.g. VSDs) are installed, operational, and connected to cooling tower fan motors per OEM start-up manuals and sequence of operation.</li> <li><input type="checkbox"/> Check if cooling tower fan control sequence, including tower design wetbulb temperature and approach, are available and documented in the building documents.</li> <li><input type="checkbox"/> Check if the following temperature sensors are installed per plans: outdoor air drybulb and wetbulb, entering condenser water, and leaving chilled water. Note any discrepancies:</li> </ul>	
<p>4. Document that all system temperature and relative humidity sensors are factory or field calibrated or perform field check (check one of the following):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Sensors are calibrated by others.</li> <li><input type="checkbox"/> Factory calibrated, or Field-calibrated by TAB technician, commissioning agent, or other. Calibration complete, all sensors within 2% of calibrated reference sensor (provide supporting documentation, i.e. a copy of TAB calibration results).</li> <li><input type="checkbox"/> I have performed a field check using a calibrated temperature standard (i.e. device that has been calibrated within the last 12 months). Check complete, all sensors within 2% of calibrated reference sensor (provide supporting documentation, including results from system sensors and calibrated reference standard).</li> </ul>	
<p>5. From the control system, or using temperature sensors, document the following:</p>	
Outdoor air drybulb temperature _____ ° F	Outdoor air wetbulb temperature _____ ° F
Entering condenser water temperature _____ ° F	Leaving chilled water temperature _____ ° F

<b>A. Functional Testing</b>	
<p>The system cooling load must be sufficiently high to run the test. If necessary, artificially increase the cooling / evaporator load to perform the functional tests. If necessary, reverse Steps 1 &amp; 2 in the test based on atmospheric conditions and building loads.</p> <p>EXEMPTION: If the control sequence differs significantly from that implied by the tests, and / or has already been tested during the building commissioning process, attach a description of the control sequence, a description of the tests that were done to verify the system operates according to the sequence, the test results, and a plot of any associated trend data.</p>	
<p><b>Reset control parameter is (circle one): Outside air wet-bulb temperature, Load signal from chiller, Condenser water &amp; chilled water temperatures, or Other _____.</b></p>	
<b>Step 1: Adjust the reset control parameter to decrease the condenser water temperature (toward the lower supply temperature limit).</b>	
a. Condenser water temperature controls modulate as intended.	Y / N
b. Actual condenser water supply temperature decreases to meet new set point within + / - 2°F.	Y / N
c. Cooling tower fan(s) stage properly and/or adjust speed accordingly to meet lower set point.	Y / N
d. Chiller load amps decrease.	Y / N
<b>Step 2: Adjust the reset control parameter to increase the condenser water temperature (toward the upper supply temperature limit).</b>	
a. Condenser water temperature controls modulate as intended.	Y / N
b. Actual condenser water supply temperature increases to meet new set point within + / - 2°F.	Y / N
c. Cooling tower fan(s) stage properly and/or adjust speed accordingly to meet upper set point.	Y / N
d. Chiller load amps increase.	Y / N
<b>Step 3: Restore reset control parameter to automatic control.</b>	
a. Condenser water temperature controls modulate as intended.	Y / N
b. Actual condenser water supply temperature changes to meet new set point within + / - 2°F.	Y / N
c. Cooling tower fan(s) stage properly and/or adjust speed accordingly to meet set point.	Y / N

<b>B. Evaluation:</b>	
<input type="checkbox"/>	<b>PASS:</b> All <b>Construction Inspection</b> responses are complete and <b>Functional Testing Results</b> are all circled <b>YES</b> .
<b>Notes:</b>	