

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: *Ensure that hydronic pump speed varies with building heating and cooling loads.*

Construction Inspection

1. Supporting documentation needed to perform test includes, but not limited to:
 - a. As-built and/or Design Documents including Mechanical Equipment Schedules.
 - b. 2013 Building Energy Efficiency Standards Nonresidential Compliance Manual (*NA7.5.9 Hydronic System Variable Flow Control Acceptance At-A-Glance*).
 - c. 2013 Building Energy Efficiency Standards.
2. Instrumentation to perform test includes, but not limited to:
 - a. Calibrated differential pressure gauge (hydronic manometer)
3. Installation:
 - Pressure sensor location, setpoint, and reset control meets the requirements of 2013 Building Energy Efficiency Standards section 140.4(j) 6B.
 - For systems without direct digital control of individual coils reporting to the central control panel, differential pressure is measured at or near the most remote heat exchanger or the heat exchanger requiring the greatest differential pressure.
 - For systems with direct digital control of individual coils with central control panel, the static pressure set point is reset based on the valve requiring the most pressure, and the setpoint is no less than 80 percent open.
 - Exception taken. (Heating hot water system or Condenser water system serving only water-cooled chillers).
4. Document that all control pressure sensors are field calibrated (check one of the following):
 - Field calibrated by TAB contractor or other.
 - Calibration complete. All pressure sensors within 10% of calibrated reference sensor. (Provide supporting documentation).
 - Performed field calibration using calibrated differential pressure gauge (hydronic manometer).
 - Calibration complete. All pressure sensors within 10% of calibrated reference sensor. (Provide supporting documentation).

A. Functional Testing	Results
Step 1: Minimum / Low flow test	
a. Close coil control valves to achieve a maximum of 50% of design flow	<input type="checkbox"/>
b. Verify that the operating speed decreases (for systems with DDC to the zone level)	Y / N
c. Verify that the current operating speed has not increased (for all other systems that are not DDC)	Y / N
d. Record the system pressure as measured at the control sensor (<i>either ft. w.c. or psig</i>)	ft w.c.
<i>Note: 2.31 ft w.c. = 1.0 psig</i>	psig
e. Record the system pressure setpoint (<i>either ft. w.c. or psig</i>)	ft w.c.
	psig
f. Is the pressure reading on line 1.d. within 5% of pressure setpoint on line 1.e.?	Y / N
g. Did the system operation stabilize within 5 minutes after completion of step 1.a.?	Y / N
Notes:	

