SIMPLE TURNDOWN

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

Building: Enter Value	Floor: Enter Value	Room: Ente	er Value	Control/tag: Value
Construction inspection and functional testing comply Does not comply			Date Subr	nitted to AHJ: Date

Intent:

If the builder uses simple turndown control to meet fan system power consumption requirements, then this acceptance testing is required in addition to the 2025-CEC-NRCA-PRC-14a-F and 2025-CEC-NRCA-PRC-14b-F. It is recommended to complete, to the extent possible, both compliance documents 2025-CEC-NRCA-PRC-14a-F and 2025-CEC-NRCA-PRC-14b-F prior to starting this acceptance test. NOTE: If control signals have been calibrated to measured flow rates and power consumption, recorded control signals are acceptable methods of measurement. Reference Section 140.9(c)3 and Reference Nonresidential Appendix NA7.16.3 and NA7.16.4.

Table A-1: Construction Inspection

Step	Entry	Item	Code Reference
1.0	Pass Fail	Verify that the following measurements are within 10 percent of the corresponding values found in the design documents specified in Step 1 of 2025-CEC-NRCA-PRC-14b-F:	NA7.16.3(a)
1.1	Enter Value cfm Pass Fail	Measure and record the inlet airflow rate of the exhaust fan system (cubic feet per minute) at design conditions. Indicate pass if this design value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)1
1.2	Enter Value W Pass Fail	Measure and record the power of exhaust fan system (watts) at design conditions. Indicate pass if this value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)2
1.3	Enter Value cfm Pass Fail	Measure and record the inlet airflow rate of the exhaust fan system (cubic feet per minute) at occupied minimum acceptable airflow rate. Indicate pass if this value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)3

Step	Entry	Item	Code Reference
1.4	Enter Value W Pass Fail	Measure and record the power of exhaust fan system (watts) at occupied minimum acceptable airflow rate. Indicate pass if this value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)4
1.5	Enter Value W Pass Fail	Measure and record the power of exhaust fan system (watts) at 60 percent of design exhaust fan system airflow rate. Indicate pass if this value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)5
1.6	Enter Value W/cfm Pass Fail	Calculate watts per cubic feet per minute at design conditions (divide results of Step 1.2 by the results of Step 1.1). Indicate pass if this value is within 10 percent of the corresponding design value referenced in Step 1 of 2025-CEC-NRCA-PRC-14b-F.	NA7.16.3(a)6
2.0	Pass Fail	Verify that the measured occupied minimum acceptable exhaust fan system inlet airflow rate is no greater than 60 percent of measured design exhaust fan system airflow rate. Select Pass if Step 1.3 is less than or equal to 0.60 times Step 1.1, or else select Fail.	NA7.16.3(b)
3.0	☐ Pass ☐ Fail	Verify that the measured exhaust fan system power at 60 percent of design fan system airflow rate is no greater than 40 percent of measured exhaust fan system power at design exhaust fan system airflow rate. Select Pass if Step 1.5 less than or equal to 0.40 times Step 1.2, or else select Fail.	NA7.16.3(c)
4.0	Pass Fail	Construction Inspection Pass Conditions All steps must record Pass.	NA

Table B-1: Functional Testing

Table	B-1: Functional T	esting	Code
Step	Entry	Functional Test	Reference
1.0	No Entry	Simulate design conditions. Adjust the thermostatic control so that the space temperature is within the dead band.	NA7.16.4 Step 1
1.1	Pass Fail	Verify that the occupant sensors can detect occupants in all portions of the spaces and are reporting occupied occupancy status to controller.	NA7.16.4 Step 1(a)
1.2	Enter Value cfm Pass Fail	Verify that the exhaust fan system inlet airflow rate (cubic feet per minute) meets the design airflow rate.	NA7.16.4 Step 1(b)
1.3	Enter Value W	Measure and record fan system power (watts).	NA7.16.4 Step 1(c)
2.0	No Entry	Simulate turndown airflow rate. Adjust the thermostatic control so that the space temperature is within the dead band.	NA7.16.4 Step 2
2.1	Enter Value cfm	Measure and record the exhaust fan system inlet airflow rate (cubic feet per minute).	NA7.16.4 Step 2(a)
2.2	Pass Fail	Confirm that the airflow rate entering fan system for turndown airflow rate is no greater than 60 percent of the exhaust fan system design airflow rate. Select Pass if Step 2.1 less than or equal to 0.60 times Step 1.2, or else select Fail.	NA7.16.4 Step 2(b)
3.0	No Entry	Simulate 60 percent of design airflow rate. Adjust thermostatic control so that the space temperature is within the dead band.	NA7.16.4 Step 3
3.1	Enter Value W	Measure and record fan system power (watts).	NA7.16.4 Step 3(a)
3.2	Pass Fail	Confirm that the fan system power under 60 percent design airflow rate is no greater than 40 percent of the exhaust fan system design airflow rate. Select Pass if Step 3.1 is less or equal to 0.40 times Step 1.3, or else select Fail.	NA7.16.4 Step 3(b)
4.0	Pass Fail	Functional Test Pass Conditions All of the following must be true. Steps 1.0, 2.0, and 3.0 contain 'No Entry.' Steps 1.2, 1.3, 2.1 and 3.1 must record non-zero numerical entries. Steps 1.1, 1.2, 2.2, and 3.2 must record pass.	NA



Declaration Statement	Signatory
Document Author	Name
I assert that this Certificate of Acceptance documentation is accurate and complete.	Company Name
	Author Signature
	Date Signed
Field Technician	
I certify the following under penalty of perjury, under the laws of the State of California:	
The information provided on this Certificate of Acceptance is true and correct. I am the person who	Name
performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The	Company Name
construction or installation identified on this Certificate of Acceptance complies with the applicable	Title
acceptance requirements indicated in the plans and specifications approved by the enforcement agency	Phone
and conforms to the applicable acceptance requirements and procedures specified in Reference	Signature
Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or	Date Signed
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.	
Responsible Person	
I assert the following under penalty of perjury, under the laws of the State of California:	
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.	Name
The information provided on this Certificate of Acceptance substantiates that the construction or	Company Name
installation identified on this Certificate of Acceptance complies with the acceptance requirements	Lic. No.: License No.
indicated in the plans and specifications approved by the enforcement agency and conforms to the	Title
applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I	Phone
have confirmed that the Certificate(s) of Installation for the construction or installation identified on this	Signature
Certificate of Acceptance has been completed and is posted or made available with the building permit(s)	Date Signed
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 made available to the	
enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this	
requirement is accomplished. 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, and I will	
take the necessary steps to ensure this requirement is accomplished.	