SIMPLE TURNDOWN

2025-CEC-NRCA-PRC-14c1-F

Project Name	and Address	Authority Hav	ving Jurisdiction
Name:		Enforcement Ag	gency:
Address:		Permit Number	
City, Zip Code:		Permit Applicat	ion Date:
Ruilding	Floor	Room:	Control/tag:

Building:		Floor:		Room:		Control/tag:
Construction inspection and functional testing comply Does not comply Date Submitted to AHJ:					tted to AHJ:	
	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

· ubic	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	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	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	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		

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Step	Entry	Item	Code Reference
1.4	W Pass	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	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	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	R-T: Functional I	esung	
Step	Entry	Functional Test	Code 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	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	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	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	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



Document Author	
I assert that this Certificate of Acceptance documentation is accurate and complete	Author Name
	Company Name
	, ,
	Author Signature
	Date Signed
Field Technician	Date Signed
I certify the following under penalty of perjury, under the laws of the State of California:	Field Tech. Name
The information provided on this Certificate of Acceptance is true and correct. I am	Company Name
the person who performed the acceptance verification reported on this Certificate	
of Acceptance (Field Technician). The construction or installation identified on this	Title
Certificate of Acceptance complies with the applicable acceptance requirements	Dhana
indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in	Phone
Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of	
Installation for the construction or installation identified on this Certificate of	
Acceptance has been completed and signed by the responsible builder/installer and	Field Tech. Signature
has been posted or made available with the building permit(s) issued for the	
building.	Date Signed
Responsible Person	
I assert the following under penalty of perjury, under the laws of the State of California:	Responsible Name
I am the Field Technician, or the Field Technician is acting on my behalf as my	responsible Nume
employee or my agent and I have reviewed the information provided on this	Company Name
Certificate of Acceptance. I am eligible under Division 3 of the Business and	. ,
Professions Code in the applicable classification to accept responsibility for the	License No.
system design, construction or installation of features, materials, components, or	T:41 -
manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement. The information	Title
provided on this Certificate of Acceptance substantiates that the construction or	Phone
installation identified on this Certificate of Acceptance 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	Responsible Signature
that the Certificate(s) of Installation for the construction or installation identified	Data Cianad
on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a	Date Signed
completed, signed copy of this Certificate of Acceptance shall be posted, or made	
available with the building permit(s) issued for the building and shall be made	
available to the enforcement agency for all applicable inspections, and I will take	
the necessary steps to fulfill this requirement. 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. I will take the necessary	
steps to ensure this requirement.	