



CERTIFICATE OF ACCEPTANCE		NRCA-PRC-15-F
Fume Hood Automatic Sash Closure System Acceptance		(Page 1 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:

Compliance Results: <b>[COMPLIES or DOES NOT COMPLY]</b>	Enforcement Agency Use: Checked by/Date
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<b>Intent:</b>	This document is used to demonstrate compliance with acceptance requirements in <a href="#">§140.9(c)4</a> and Reference Nonresidential Appendix <a href="#">NA7.17</a> for fume hood automatic sash closure systems. Attach additional copies of pages 1 through 2, as required, for all fume hoods that must be tested.
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<b>Fume Hood Automatic Sash Closure System</b>			
Building:	Floor:	Room:	Fume Hood Reference:
<b>A. Fume Hood Automatic Sash Closure System Construction Inspection (<a href="#">NA7.17.1</a>)</b>			
<input type="checkbox"/>	a.	Sash zone presence sensor factory calibration certificate is valid. ( <a href="#">NA7.17.1(a)</a> )	
<input type="checkbox"/>	b.	Sash obstruction sensor factory calibration certificate is valid. ( <a href="#">NA7.17.1(b)</a> )	
<input type="checkbox"/>	c.	Presence sensor has been located and adjusted to minimize false signals. ( <a href="#">NA7.17.1(c)</a> )	
<input type="checkbox"/>	d.	Presence sensor pattern does not enter adjacent zones. ( <a href="#">NA7.17.1(d)</a> )	
<input type="checkbox"/>	e.	Obstruction sensor has been installed according to manufacturer instructions. ( <a href="#">NA7.17.1(e)</a> )	
<input type="checkbox"/>	f.	Presence sensor has been installed according to manufacturer instructions. ( <a href="#">NA7.17.1(f)</a> )	
Construction Inspection Compliance: <input type="radio"/> Complies <input type="radio"/> Does Not Comply			
<b>B. Fume Hood Automatic Sash Closure System Functional Testing (<a href="#">NA7.17.2</a>)</b>			
Confirm compliance (Y - yes / N - no) for the following tests.			
Step 1: Test Auto Close Operation. ( <a href="#">NA7.17.2(a)</a> , <a href="#">140.9(c)4Ai</a> )			
a.		Open sash to maximum position or sash stop, whichever is lower. Vacate zone presence sensor range to simulate unoccupied state. Sash closes automatically to minimum, closed position within 5 min. ( <a href="#">NA7.17.2(a)1</a> , <a href="#">NA7.17.2(a)2</a> )	
b.		Simulate movement in an area adjacent to sash zone. Sash does not open from movement in adjacent zones. ( <a href="#">NA7.17(a)3</a> )	
Step 2: Confirm Manual Control Operation: Open Test. ( <a href="#">NA7.17.2(b)</a> , <a href="#">§140.9(c)4Aiv</a> )			
a.		If equipped, disable any auto open control mode. Close sash to its minimum, closed position. Simulate movement in the sash zone. Sash does not open automatically. ( <a href="#">NA7.17.2(b) Open Test 1</a> , <a href="#">NA7.17.2(b) Open Test 2</a> )	
b.		If equipped, open the sash using a push button, foot pedal or similar mechanism. Sash raises to the maximum position or sash stop. ( <a href="#">NA7.17.2(b) Open Test 3</a> )	
Step 3: Confirm Manual Control Operation: Closed Test. ( <a href="#">NA7.17.2(b)</a> , <a href="#">§140.9(c)4Aiv</a> )			
a.		If equipped, close the sash using a push button, foot pedal, or similar mechanism. Otherwise, close sash by hand. Sash closes to minimum, closed height. ( <a href="#">NA7.17.2(b) Closed Test 1</a> )	
b.		Open sash. If equipped, close sash using push button or similar mechanism. While sash is closing, trigger the stop button. Sash stops immediately when stop button is activated. ( <a href="#">NA7.17.2(b) Closed Test 2</a> )	
Step 4: Confirm Sash Net Downward Force ( <a href="#">NA7.17.2(d)</a> , <a href="#">§140.9(c)4Aii</a> )			
a.		Disable object detection controls. Place scale in sash opening of fume hood. Close sash manually using push button, foot pedal, or similar mechanism. Closing force does not exceed 10 lbs. ( <a href="#">NA7.17.2(d)1</a> , <a href="#">NA7.17.2(d)2</a> , <a href="#">NA7.17.2(d)3</a> , <a href="#">NA7.17.2(d)4</a> )	
b.		Sash Manual Closing Force:	lbs
c.		Leaving scale in place, open sash to maximum position or sash stop, whichever is lower. Simulate unoccupied state by vacating sash zone. Closing force does not exceed 10 lbs. ( <a href="#">NA7.17.2(d)5</a> )	
d.		Sash Automatic Closing Force:	lbs
Functional Testing Compliance: <input type="radio"/> Complies <input type="radio"/> Does Not Comply			



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Fume Hood Automatic Sash Closure System		
Building:	Floor:	Room:
		Fume Hood Reference:
<b>A. Fume Hood Automatic Sash Closure System Construction Inspection (NA7.17.1)</b>		
<input type="checkbox"/>	a.	Sash zone presence sensor factory calibration certificate is valid. (NA7.17.1(a))
<input type="checkbox"/>	b.	Sash obstruction sensor factory calibration certificate is valid. (NA7.17.1(b))
<input type="checkbox"/>	c.	Presence sensor has been located and adjusted to minimize false signals. (NA7.17.1(c))
<input type="checkbox"/>	d.	Presence sensor pattern does not enter adjacent zones. (NA7.17.1(d))
<input type="checkbox"/>	e.	Obstruction sensor has been installed according to manufacturer instructions. (NA7.17.1(e))
<input type="checkbox"/>	f.	Presence sensor has been installed according to manufacturer instructions. (NA7.6.2.4(f))
Construction Inspection Compliance: <input type="radio"/> Complies <input type="radio"/> Does Not Comply		
<b>B. Fume Hood Automatic Sash Closure System Functional Testing (NA7.17.2)</b>		
Confirm compliance (Y - yes / N - no) for the following tests.		
Step 1: Test Auto Close Operation. (NA7.17.2(a), 140.9(c)4Ai)		
a.	Open sash to maximum position or sash stop, whichever is lower. Vacate zone presence sensor range to simulate unoccupied state. Sash closes automatically to minimum, closed position within 5 min. (NA7.17.2(a)1, NA7.17.2(a)2)	
b.	Simulate movement in an area adjacent to sash zone. Sash does not open from movement in adjacent zones. (NA7.17(a)3)	
Step 2: Confirm Manual Control Operation: Open Test. (NA7.17.2(b), §140.9(c)4Aiv)		
a.	If equipped, disable any auto open control mode. Close sash to its minimum, closed position. Simulate movement in the sash zone. Sash does not open automatically. (NA7.17.2(b) Open Test 1, NA7.17.2(b) Open Test 2)	
b.	If equipped, open the sash using a push button, foot pedal or similar mechanism. Sash raises to the maximum position or sash stop. (NA7.17.2(b) Open Test 3)	
Step 3: Confirm Manual Control Operation: Closed Test. (NA7.17.2(b), §140.9(c)4Aiv)		
a.	If equipped, close the sash using a push button, foot pedal, or similar mechanism. Otherwise, close sash by hand. Sash closes to minimum, closed height. (NA7.17.2(b) Closed Test 1)	
b.	Open sash. If equipped, close sash using push button or similar mechanism. While sash is closing, trigger the stop button. Sash stops immediately when stop button is activated. (NA7.17.2(b) Closed Test 2)	
Step 4: Confirm Sash Net Downward Force (NA7.17.2(d), §140.9(c)4Aii)		
a.	Disable object detection controls. Place scale in sash opening of fume hood. Close sash manually using push button, foot pedal, or similar mechanism. Closing force does not exceed 10 lbs. (NA7.17.2(d)1, NA7.17.2(d)2, NA7.17.2(d)3, NA7.17.2(d)4)	
b.	Sash Manual Closing Force:	lbs
c.	Leaving scale in place, open sash to maximum position or sash stop, whichever is lower. Simulate unoccupied state by vacating sash zone. Closing force does not exceed 10 lbs. (NA7.17.2(d)5)	
d.	Sash Automatic Closing Force:	lbs
Functional Testing Compliance: <input type="radio"/> Complies <input type="radio"/> Does Not Comply		



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**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

I certify that this Certificate of Acceptance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/ATT Certification Identification (if applicable):
City/State/Zip:	Phone:

**FIELD TECHNICIAN'S DECLARATION STATEMENT**

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 performed the acceptance verification reported on this Certificate of Acceptance (Field Technician).
- The construction or installation identified on this Certificate of Acceptance complies with the applicable 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 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 has been posted or made available with the building permit(s) issued for the building.

Field Technician Name:	Field Technician Signature:
Field Technician Company Name:	Position with Company (Title):
Address:	ATT Certification Identification (if applicable):
City/State/Zip:	Phone: Date Signed:

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify 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 (responsible acceptance person).
- The information provided on this Certificate of Acceptance substantiates that the construction or 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 that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance 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.

Responsible Person Name:	Responsible Person Signature:
Responsible Person Company Name:	Position with Company (Title):
Address:	CSLB License:
City/State/Zip:	Phone: Date Signed: