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

☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

Intent:	This document is used to demonstrate compliance with acceptance requirements in Section 140.9(c)4 and Reference Nonresidential Appendix NA7.17 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.

Fume Hood Location

Building:	Floor:	Room:	Fume Hood Reference:

Table A: Construction Inspection

Prior to functional testing, verify and document all the following

Step	**Entry**	**Item**	**Code Reference**
1.0	☐ Pass ☐ Fail	Sash zone presence sensor factory calibration certificate is valid.	NA7.17.1(a)
2.0	☐ Pass ☐ Fail	Sash obstruction sensor factory calibration certificate is valid.	NA7.17.1(b)
3.0	☐ Pass ☐ Fail	Presence sensor has been located and adjusted to minimize false signals.	NA7.17.1(c)
4.0	☐ Pass ☐ Fail	Presence sensor pattern does not enter adjacent zones.	NA7.17.1(d)
5.0	☐ Pass ☐ Fail	Obstruction sensor has been installed according to manufacturer instructions.	NA7.17.1(e)
6.0	☐ Pass ☐ Fail	Presence sensor has been installed according to manufacturer instructions.	NA7.17.1(f)
7.0	☐ Pass ☐ Fail	Check if Construction Inspection complies with all requirements.	N/A

Table B: Functional Testing

For each sash closure control system to be tested, perform the following:

Step	Entry	Functional Test	Code Reference
1.0	☐ Pass ☐ Fail	Test auto close operation.	NA7.17.2(a) 140.9(c)4Ai
1.1	☐ Pass ☐ Fail	Open sash to maximum position or sash stop, whichever is lower. Vacate zone presence sensor range to simulate unoccupied state. Confirm sash closes automatically to minimum, closed position within 5 min.	NA7.17.2(a)1 NA7.17.2(a)2
1.2	☐ Pass ☐ Fail	Simulate movement in an area adjacent to sash zone. Verify sash does not open from movement in adjacent zones.	NA7.17.2(a)3
2.0	☐ Pass ☐ Fail	Confirm manual control operation: Open test.	NA7.17.2(b) 140.9(c)4Aiv
2.1	☐ Pass ☐ Fail	If equipped, disable any auto open control mode. Close sash to its minimum, closed position. Simulate movement in the sash zone. Confirm sash does not open automatically.	NA7.17.2(b) Open test 1-2
2.2	☐ Pass ☐ Fail	If equipped, open the sash using a push button, foot pedal or similar mechanism. Confirm sash raises to the maximum position or sash stop.	NA7.17.2(b) Open test 3
3.0	☐ Pass ☐ Fail	Confirm manual control operation: Closed test.	NA7.17.2(b)
3.1	☐ Pass ☐ Fail	If equipped, close the sash using a push button, foot pedal, or similar mechanism. Otherwise, close sash by hand. Ensure sash closes to minimum, closed height.	NA7.17.2(b) Closed test 1
3.2	☐ Pass ☐ Fail	Open sash. If equipped, close sash using push button or similar mechanism. While sash is closing, trigger the stop button. Verify sash stops immediately when stop button is activated.	NA7.17.2(b) Closed test 2
4.0	☐ Pass ☐ Fail	Confirm sash object detection operation	NA7.17.2(c)
4.1	☐ Pass ☐ Fail	Open sash to maximum position or sash stop, whichever is lower. Place transparent object in pathway. Vacate zone presence sensor range to simulate unoccupied state. Verify sash does not close automatically within 5 min.	NA7.17.2(c)1,2
4.2	☐ Pass ☐ Fail	Open sash to maximum position or sash stop, whichever is lower without any obstructions in path of sash. Vacate zone presence sensor range to simulate unoccupied state. When sash begins to close, insert transparent object into path and verify sash stops before contact.	NA7.17.2(c)3,4
5.0	☐ Pass ☐ Fail	Confirm sash net downward force	NA7.17.2(d)

Step	Entry	Functional Test	Code Reference
5.1	lbs.	Disable object detection controls. Place scale in sash opening of fume hood. Close sash manually using push button, foot pedal, or similar mechanism. Measure sash closing force in lbs. Closing force shall not exceed 10 lbs.	NA7.17.2(d)1-4
5.2	lbs.	Leaving scale in place, open sash to maximum position or sash stop, whichever is lower. Simulate unoccupied state by vacating sash zone. Measure sash closing force in lbs. Closing force shall not exceed 10 lbs.	NA7.17.2(d)5 140.9(c)4Aii
6.0	☐ Pass ☐ Fail	Check pass if Functional Test complies with all requirements. Check fail if and Functional Tests **do not** pass.	N/A

Document Author I assert that this Certificate of Acceptance documentation is accurate and complete	Author Name 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 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 Tech. Name Company Name Title Phone Field Tech. Signature Date Signed
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. 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 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 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.	Responsible Name Company Name License No. Title Phone Responsible Signature Date Signed