## DAYLIGHT DESIGN FACTORS

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

Building: Er	nter Value	Floor: Enter Value	Room: Enter Val	ue	Control/tag: Value
Constru	ction inspec	tion complies		Date 9	Submitted to AHJ: Date
Does no	t comply				
Intent:	: This document is used to demonstrate compliance with acceptance requirements in				
	Sections 140.3(d), 140.6(a)2L, 170.2(e)2Bxii, and Reference Nonresidential				
	Appendix NA7.4.4, NA7.4.5, and NA7.4.6 for daylight design power adjustment				
	factors (PAFs). Attach additional sets of pages 1 through 5, as required, for all units				
	and assemblies that must be tested. Note that there are three different features				

tested by this form. If one type of feature is not present in the design, the technician is to skip the preceding rows and mark "N/A" in the last row for

**Table A-1: Construction Inspection - Clerestory Fenestration** 

inspection compliance for that feature.

		ction inspection cicrestory renestration	
Step	Entry	Item	Code Reference
1.0	No Entry	All clerestory fenestration devices are tested for buildings with up to 7 devicesunit. If building has more than 7 clerestory fenestration devicesunit, then 7 units are randomly chosen for testing.	NA7.4.4.1
2.0	No Entry	Before installation, the responsible person or installer must verify the following requirements are met:	NA7.4.4.2
2.1	Pass Fail	Verify that the height of the clerestory fenestration's head height and glazing height match the building plans.	NA7.4.4.2(a)
2.2	Pass Fail	Verify that the installation of the clerestory fenestration meets the manufacturer's installation instructions.	NA7.4.4.2(b)
2.3	☐ Pass ☐ Fail	Verify that a completed and signed copy of the Declaration Statement on the Certificate of Installation is on site for verification by the building inspector.	NA7.4.4.2(c)
3.0	No Entry	After installation, the field technician or responsible person must verify the following requirements are met:	NA7.4.4.3
3.1	Pass Fail	Verify that the Certificate of Installation and the Declaration Statement are signed before the inspection of the installation.	NA7.4.4.3(a)
3.2	☐ Pass ☐ Fail ☐ N/A	Verify that the clerestory fenestration shading is controlled separately from other fenestration shading control (if operable shading is installed on the clerestory fenestration).	NA7.4.4.3(b)
3.3	☐ Pass ☐ Fail	Verify that the Declaration Statements of the Certificate of Acceptance are signed.	NA7.4.4.3(c)

Step	Entry	Item	Code Reference
3.4	Pass Fail	Verify that certificates and additional copies are provided to the builder, enforcement agency, and building owner at occupancy. Available manufacturer's warranty and user manual are provided to building owner.	NA7.4.4.3(d), NA7.4.4.4(a), NA7.4.4.4(b)
4.0	Pass Fail N/A	Check if construction inspection complies with all requirements.	N/A

**Table A-2: Construction Inspection - Interior and Exterior Horizontal Slats** 

Tubic 7	Code				
Step	Entry	Item	Reference		
1.0	No Entry	All horizontal slat devices are tested for building with up to 7 devices assemblies. If building has more than 7 horizontal slat devices assemblies, then 7 units assemblies are randomly chosen for testing.	NA7.4.5.1		
2.0	No Entry	Before installation, the responsible person or installer must verify the following requirements are met:	NA7.4.5.2		
2.1	Pass Fail	Verify that the horizontal (not diagonal or vertical) distance from the front edge of the slate to the back edge of the slat below it matches the building plans.	NA7.4.5.2(a)		
2.2	Pass Fail	Verify that the vertical (not diagonal or horizontal) distance from the lowest edge of the slat to the highest edge of the slat below it matches the building plans.	NA7.4.5.2(b)		
2.3	Pass Fail	Verify that there is a factory installed label permanently affixed and prominently located at a mounting point of the slat to the building.	NA7.4.5.2(c)		
2.4	☐ Pass ☐ Fail	Verify the visible reflectance on the ASTM E903 test results match the building plans.	NA7.4.5.2(d)		
2.5	☐ Pass ☐ Fail ☐ N/A	Verify that the horizontal slats ASTM E1175 test results match the building plans (if the horizontal slat surfaces are not opaque and free of perforations).	NA7.4.5.2(e)		
2.6	☐ Pass ☐ Fail	Verify that the installation of horizontal slats meets the manufacturer's installation instructions.	NA7.4.5.2(f)		
2.7	Pass Fail	Verify that a signed copy of the Certificate(s) of Installation is left at the job site for verification by the building inspector.	NA7.4.5.2(g)		
3.0	No Entry	After installation, the field technician or responsible person must verify the following requirements are met:	NA7.4.5.3		
3.1	Pass Fail	Verify that the Certificate of Installation and the Declaration Statement are signed before the inspection of the installation.	NA7.4.5.3(a)		
3.2	Pass Fail	Verify that the horizontal slats are permanently mounted.	NA7.4.5.3(b)		

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Step	Entry	Item	Code Reference
3.3.1	Pass Fail N/A	Verify that the extension matches the length shown on the building plans if the horizontal slats extend beyond each side of the window jamb.	NA7.4.5.3(c)
3.3.2	☐ Pass ☐ Fail ☐ N/A	Verify that the horizonal slats are within rough opening or fins on window jambs match building plans, if the horizontal slats do not extend beyond each side of the window jamb.	NA7.4.5.3(d)
3.4	Pass Fail	Verify that the horizontal slats assemblies extend the entire height of the window.	NA7.4.5.3(e)
3.5	Pass Fail	Verify that the exterior horizontal slats are horizontal or slope downwards from the window and the interior horizontal slats are horizontal or slope upwards from the window.	NA7.4.5.3(f)
3.6	Pass Fail	Verify that the Declaration Statements of the Certificate of Acceptance are signed.	NA7.4.5.3(g)
3.7	Pass Fail	Verify that additional copies are provided to the builder, enforcement agency, and building owner at occupancy. Available manufacturer's warranty and user manual are provided to building owner as well as ASTM E903 test results and, if applicable, ASTM E1175 results.	NA7.4.5.3(h), NA7.4.5.4(a), NA7.4.5.4(b), NA7.4.5.4(c),
4.0	Pass Fail N/A	Check if construction inspection complies with all requirements.	N/A

Table A-3: Construction Inspection - Interior and Exterior Light Shelfves

			Code
Step	Entry	Item	Reference
1.0		All light shelf devices are tested for building with up to 7 devices units. If building has more than 7 light shelf devices unit, then 7 units are randomly chosen for testing.	NA7.4.6.1
2.0	No Entry	Before installation, the responsible person or installer must verify the following requirements are met:	NA7.4.6.2
2.1	☐ Pass ☐ Fail	Verify that the horizontal (not diagonal or vertical) distance from the front edge of the interior light shelf to the back edge of the light shelf top matches the building plans.	NA7.4.6.2(a)
2.2	☐ Pass ☐ Fail	Verify that the vertical (not diagonal or horizontal) distance from the highest edge of the interior light shelf to the top of the clerestory window above it matches the building plans.	NA7.4.6.2(b)
2.3	Pass Fail	Verify that the visible reflectance on the ASTM E903 test results of the interior light shelf matches the building plans.	NA7.4.6.2(c)
2.4	No Entry	If there is an exterior light shelf, verify the following:	NA7.4.6.2(d)

Step	Entry	Item	Code Reference
2.4.1	☐ Pass ☐ Fail ☐ N/A The horizontal (not diagonal or vertical) distance from the front edge of the exterior light shelf to the back edge of the exterior light shelf matches the building plans.		NA7.4.6.2(d)1
2.4.2	Pass Fail N/A	The vertical (not diagonal or horizontal) distance from the lowest edge of the exterior light shelf to the sill of the window below it matches the building plans.	NA7.4.6.2(d)2
2.4.3	Pass Fail N/A	The visible reflectance on the ASTM E903 test results matches the building plans if the exterior light shelf is less than two feet below the clerestory window_sill.	NA7.4.6.2(d)3
2.5	Pass Fail	Verify that the light shelves are installed at the height specified in the building plans.	NA7.4.6.2(e)
2.6	Pass Fail	Verify that the installation of light shelves shall meet the manufacturer's installation instructions.	NA7.4.6.2(f)
2.7	Pass Fail	Verify that there is a signed copy of the Certificate(s) of Installation left at the job site for verification by the building inspector.	NA7.4.6.2(g)
3	No Entry	After installation, the field technician or responsible person must verify the following requirements are met:	NA7.4.6.3
3.1	Pass Fail	Verify that the Certificate of Installation and the Declaration Statement are signed before the inspection of the installation.	NA7.4.6.3(a)
3.2	Pass Fail N/A	If there is any window area below the interior light shelf on the same floor, then verify there is an exterior light shelf above that window area.	NA7.4.6.3(b)
3.3	Pass Fail	Verify that the light shelf is permanently mounted.	NA7.4.6.3(c)
3.4	Pass Fail	Verify that the light shelf extends beyond each side of the window jamb by the length shown on the building plans.	NA7.4.6.3(d)
3.5	Pass Fail	Verify that the interior light shelves are horizontal.	NA7.4.6.3(e)
3.6	☐ Pass ☐ Fail ☐ N/A	If there is an exterior light shelf, verify that the exterior light shelf is horizontal or slopes downwards from the window.	NA7.4.6.3(f)
3.7	Pass Fail	If operable shading is installed on the clerestory window, then verify the clerestory window shading is controlled separately from shading serving other vertical fenestration.	NA7.4.6.3(g)
3. <u>7</u> 8	Pass Fail	Verify that the Declaration Statements of the Certificate of Acceptance are signed.	NA7.4.6.3(h)

Step	Entry	Item	Code Reference
3. <u>8</u> 9	Pass Fail	Verify that the certificates and additional copies are provided to the builder, enforcement agency, and building owner at occupancy. Available manufacturer's warranty and user manual are provided to building owner as well as ASTM E903 test results and, if applicable, ASTM E1175 results.	NA7.4.6.3(i), NA7.4.6.4(a), NA7.4.6.4(b), NA7.4.6.4(c),
4.0 <u>3.</u> 9	Pass Fail N/A	Check if construction inspection complies with all requirements.	N/A

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 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.	Name Company Name ATT No.: ATT Cert. No. Title Date Signed Phone Signature
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 (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 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.	Name Company Name Lic. No.: License No. Date Signed Phone Signature