

ENVELOPE COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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Project & Applicant Information	Project Title	PSE Operational Training Center - Control House - 2018 WSEC		For Building Department Use:	PRCNC20240216	Date: Nov 01, 2023
	Project Address	325 Todd Road NW Puyallup, WA 98371				
	Applicant Name	Matt Reeves		Full-Sized legible color report is required to be provided by the Permittee on site for all Inspections		
	Applicant Phone	360-734-4744				
	Applicant Email	matt@zervasgroup.com				
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com						

General Occupancy	All Commercial	General Building Use Type(s)	Education, Vocational	Building Cond. Floor Area	332
Project Scope	New Building	Space Conditioning Categories	Fully Conditioned	Project Cond. Floor Area	332
				Floors Above Grade	1
				Compliance Method	Compliance Method 1 - General
Envelope Project Description	A separate substation control house for training purposes.				

Envelope Compliance Scope and Method	Scope	Space Conditioning Category	Compliance Method	WWR/SRR per Category	UA Calculation Adjustment	Fenestration Alternates	Compliance Verification
	New Building	Fully Conditioned	Prescriptive	0% / 0%	None selected	No alternates selected	COMPLIES

Air Barrier Testing	Air barrier testing included in project scope	Air Barrier Comments	
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Project Title	PSE Operational Training Center - Control House - 2018 WSEC				Date	Nov 01, 2023
Scope & Space Conditioning	NEW BUILDING - FULLY CONDITIONED			Compliance Verification	COMPLIES	
Window-to-wall Ratio	0%	Skylight-to-roof-ratio	0%	Vertical Fenestration Alternate	No alternates selected	

Opaque Envelope Assemblies								
Roof/Ceiling	Location in Documents	Assembly ID	Assembly Location	Cavity	Insulation R-Values		U-Factor	Net Area (SF)
					Continuous (% penetration)	2nd Layer (MB Roof)		
Insulation entirely above deck	G0.04, Roof Type #3	RF-3	Exterior		R-38 (< 0.04%)			384
	U-Factor Source:			U-Factor Source Description:				
	Is this assembly exterior or interior?: Exterior							
Walls	Location in Documents	Assembly ID	Assembly Location	Cavity	Continuous (% penetration)	Insulated Wall Furring	U-Factor	Net Area (SF)
	Is CMU wall eligible for wall insulation exception?: No			Percentage of CMU cores filled with insulation: (Select One)				
	Space type enclosed by CMU walls: (Select One)			Does assembly include wall furring?: Yes				
	Wall Furring Material: Steel-frame			Framing Depth:				
	Framing Spacing:			U-Factor Source:				
	U-Factor Source Description:							
Slab-on-grade Floors	Location in Documents	Assembly ID	Assembly Location	Slab Edge	Under Slab		F-Factor	Perimeter Length (SF)
	Slab Insulation Method: 4 ft horizontal (no slab edge insulation)			F-Factor Source:				
	F-Factor Source Description:							
Fenestration & Opaque Door Assemblies								
					Insulation R-Values			

Opaque Doors	Location in Documents	Assembly ID	Assembly Location	Door Insulation			U-Factor	Rough Opening (SF)
Swinging	A3.03, Door Types	Door Type A	Exterior				U-0.37	46
	What percentage of this opaque door is glazing?: 50% or less			U-Factor Source:				
	U-Factor Source Description:			Is this assembly exterior or interior?: Exterior				
	Is this a public entrance door?: No							