


## MECHANICAL COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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<b>Project &amp; Applicant Information</b>	<b>Project Title</b>	Centeris Switchgear 2 - 2021 WSEC - 2021 WSEC	For Building Department Use:  <b>PRCTI20241387</b>	
	<b>Project Address</b>	1019 39th Ave SE Puyallup, WA 98374		
	<b>Applicant Name</b>	Robert Morgan		
	<b>Applicant Phone</b>	206-612-6488		
	<b>Applicant Email</b>	Robert.Morgan@stantec.com		
Date: <b>Nov 08, 2024</b>				
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com				

<b>General Occupancy</b>	All Commercial		<b>General Building Use Type</b>	Utility/Equip, Other	<b>Building Cond. Floor Area</b>	736
<b>General Project Types</b>	New Building	<b>New Building or Addition Mechanical Scope</b>	Single Zone Systems & Equipment	<b>Alteration Mechanical Scope</b>	<b>Project Cond. Floor Area</b>	736
					<b>Floors Above Grade</b>	1
					<b>Compliance Method</b>	General Prescriptive
<b>Mechanical Project Description</b>						

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?	Higher Equipment Efficiency Option Applied?	Equipment Efficiency Compliance Verification
	New Building	Single Zone Systems & Equipment	Yes	Yes	NA	COMPLIES
<b>Additional Energy Efficiency (AEC) Measures Included</b>	No mechanical additional energy efficiency measures included in project		<b>Load Management (LDM) Measures Included</b>		No mechanical load management measures included in project	
<b>Additional Efficiency Credits Included (AEC)</b>						
<b>Does building include occupancy classifications requiring DOAS?</b>	No	<b>Does project include DOAS equipment?</b>				Yes
<b>Based on project scope do TSPR requirements apply?</b>	No	<b>Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?</b>				No

<b>Scope &amp; Space Conditioning</b>	<b>NEW BUILDING - SINGLE ZONE SYSTEMS &amp; EQUIPMENT</b>	<b>Compliance Verification</b>	<b>COMPLIES</b>
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Single Zone Air Systems Category - Dedicated outside air system (DOAS)

Air Systems Summary Information								
System/Equip ID	Quantity of Items	Supply Airflow Control	Ventilation Standard	Ventilation CFM (Total if Multiple Items)	Ventilation Air Source	Paired with DOAS	Ventilation energy recovery	Energy Recovery Efficiency (%)
TF-1		Variable air volume	IMC Ventilation	200			Not provided, not required	

Air Systems & Equipment - Cooling								
System/Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	Econo Full Load Multiplier (Full/IPLV)	Required Cooling Efficiency (Code Min & Econo)	Proposed Cooling Efficiency	CE Units	Efficiency Compliance Verification
TF-1	DX-DOAS, air cooled	Without energy recovery	2,400	0	4.0	4.0	ISMRE	COMPLIES

Air Systems & Equipment Details

System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
TF-1	Switchgear Building 2	ALL	
	DOAS paired with heating & cooling systems/equip: Stand alone DOAS (not paired w/ other systems/equip)		
	Economizer Compliance Method: Economizer not required		WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(12&13) DX-DOAS Units, With & Without ER