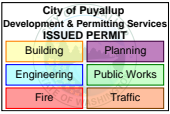


# MECHANICAL COMPLIANCE SUMMARY

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 L2 Expansion (Row D) - 2021 WSEC	For Building Department Use:  <b>PRCTI20260575</b>	<b>Date: May 05, 2026</b>
	<b>Project Address</b>	1019 39th Avenue SE Puyallup, WA 98374		
	<b>Applicant Name</b>	Adam Lyons		
	<b>Applicant Phone</b>	206-494-5089		
	<b>Applicant Email</b>	adam.lyons@stantec.com		
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>	Technology, Data Center		<b>Building Cond. Floor Area</b>	2,500
<b>General Project Types</b>	Alteration	<b>New Building or Addition Mechanical Scope</b>	<b>Alteration Mechanical Scope</b>	Single Zone Systems & Equipment	<b>Project Cond. Floor Area</b>	2,500	
					<b>Floors Above Grade</b>	3	
					<b>Compliance Method</b>	General Prescriptive	
<b>Mechanical Project Description</b>	ONE ROW OF IT CABINETS IS TO BE ADDED TO THE L2 DDC SPACE. A NEW ROOM IS PROVIDED FOR THIS ROW OF CABINETS. 2. MECHANICAL SCOPE INCLUDES THE ADDITION OF ONE CHILLED WATER AIR HANDLER, SERVED BY EXISTING AIR-COOLED CHILLERS. 3. THE ROW OF IT CABINETS IS TO BE SERVED BY EXISTING CHILLER SYSTEM SERVING EXISTING THREE ROWS OF L2 DDC IT CABINETS. 4. PIPING IS TO BE EXTENDED FROM EXISTING CHILLER DISTRIBUTION SYSTEM TO SERVE NEW ROW OF IT CABINETS.						

<b>Mechanical Compliance Scope and Method</b>	<b>Project Type</b>	<b>Mechanical Scope</b>	<b>Economizer Exception(s) Applied?</b>	<b>DOAS Ventilation Provided?</b>	<b>Higher Equipment Efficiency Option Applied?</b>	<b>Equipment Efficiency Compliance Verification</b>
	Alteration	Single Zone Systems & Equipment	No	No	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>		No	
<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>ALTERATION - SINGLE ZONE SYSTEMS &amp; EQUIPMENT</b>	<b>Compliance Verification</b>	<b>COMPLIES</b>
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## Single Zone Air Systems Category - Air handling unit, hydronic

Air Systems Summary Information						
System/Equip ID	Supply Airflow Control	Ventilation Standard	Ventilation CFM	Ventilation Air Source	Ventilation energy recovery	Energy Recovery Efficiency (%)
AHU-FT2	Variable air volume	IMC Ventilation	3,750	Integral	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
AHU-FT2	Chilled water coil		421,600					COMPLIES

## Air Systems & Equipment Details

System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
AHU-FT2	L2 DDC Expansion area	ALL	General Prescriptive
	Cooling Capacity Source: Air cooled chiller		