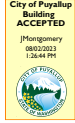



# MECHANICAL COMPLIANCE SUMMARY

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

PRCTI20230973

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<b>Project &amp; Applicant Information</b>	<b>Project Title</b>	CITC South Puyallup Leasing TI - 2018 WSEC	For Building Department Use:  	<b>Date:</b> Jul 04, 2023
	<b>Project Address</b>	WA		
	<b>Applicant Name</b>	Tricia Drake		
	<b>Applicant Phone</b>	206-249-6154		
	<b>Applicant Email</b>	tricia@hvacdoublecheck.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>	Warehouse, General Storage Office, Other		<b>Building Cond. Floor Area</b>	19,738
<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>	19,738
						<b>Floors Above Grade</b>	1
						<b>Compliance Method</b>	Compliance Method 1 - General
<b>Mechanical Project Description</b>	(1) RTU for office tenant improvement with ERV, new unit heaters for semi-heated warehouse.						

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
	Alteration	Single Zone Systems & Equipment	Yes	Yes	NA	COMPLIES
<b>Additional Efficiency Credits Included (AEC)</b>						
<b>Does building include occupancy classifications requiring DOAS?</b>	Yes		<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>ALTERATION - SINGLE ZONE SYSTEMS &amp; EQUIPMENT</b>	<b>Compliance Verification</b>	<b>COMPLIES</b>
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## Single Zone Air Systems Category - Air conditioner, unitary, thru-wall, SDHV

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 (%)
RTU-1		Variable air volume	IMC Ventilation	300	Separate DOAS	ERV-1	Yes per C403.7.6 Energy Recovery	65

Air Systems & Equipment - Cooling											
System/Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	AEC Efficiency Multiplier	Econo Exception Multiplier (FL & PL)	Combined Efficiency Multiplier (AEC & Econo)	Proposed Cooling Efficiency	CE Units	Proposed Part Load Efficiency	PL Units	Efficiency Compliance Verification
RTU-1	Air conditioner, air cooled	Single package DX	60,000	1	0	1	17.1	SEER		IEER	COMPLIES

Air Systems & Equipment - Heating								
System/Equip ID	Heating System/Equip Type	Specific Type	Heating Capacity	HC Units	Proposed Heating Efficiency	HE Units	Efficiency Compliance Verification	
RTU-1	Furnace	Warm air, gas fired (AFUE)	108,000	Btu/h	80.0	AFUE	COMPLIES	

Air Systems & Equipment Details			
System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #	
RTU-1	Office	All	
Heating Section/Auxiliary Heating Type: <b>Furnace</b>			Economizer Compliance Method: <b>Air-side economizer provided</b>
WSEC Equip Efficiency Reference Table - Cooling: <b>Table C403.3.2(1)A - Unitary Air Conditioners &amp; Condensing Units</b>			

WSEC Equip Efficiency Reference Table - Heating: <a href="#">Table C403.3.2(4) Warm Air Furnaces</a>
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Single Zone Air Systems Category - Unit heaters & duct heaters	PRCTI20230973
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Air Systems Summary Information						
System/Equip ID	Quantity of Items		Ventilation Standard	Ventilation CFM (Total if Multiple Items)	Ventilation Air Source	Paired with DOAS
UH-1,UH-2	2		IMC Natural Ventilation			

Air Systems & Equipment - Heating							
System /Equip ID	Heating System/Equip Type	Specific Type	Heating Capacity	HC Units	Proposed Heating Efficiency	HE Units	Efficiency Compliance Verification
UH-1,UH-2	Unit heater	Warm air, gas fired	75,000	Btu/h	83.0	Ec	COMPLIES

Air Systems & Equipment Details		
System/Equip ID	Area(s) Served	Location In Project Documents - Plan/Detail #
UH-1,UH-2	Warehouse	All
	System/Equip ID for a single or multiple items?: <a href="#">Multiple items w/ identical heating &amp; cooling capacity</a>	
	WSEC Equip Efficiency Reference Table - Heating: <a href="#">Table C403.3.2(4) Warm Air Furnaces</a>	

**FULL SIZED LEDGIBLE COLOR PLANS ARE  
REQUIRED TO BE PROVIDED BY THE  
PERMITTEE ON SITE FOR ALL INSPECTIONS**

Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.