



Oregon Energy Efficiency Specialty Code
Mechanical Compliance Certificate
HVAC: Heating and Cooling Equipment Type



Developed with
 COMcheck Software
 Version 3.8.0

Department of Consumer and Business Services
Building Codes Division

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SECTION 1: PROJECT INFORMATION

Project type: New construction Addition Alteration (*check only one*)

Project title:

Construction site

Address:		City:		State:	OR	ZIP:	
Permit number:				Permit date:			

Owner/agent

First and last name:							
Company:							
Address:		City:		State:		ZIP:	
Phone number:				E-mail:			

Designer/contractor

First and last name:							
Company:							
Address:		City:		State:		ZIP:	
Phone number:				E-mail:			

SECTION 2: GENERAL INFORMATION

Building type:

Floor area sq. ft.:



SECTION 3: MECHANICAL SYSTEMS LIST

HVAC equipment type

Cooling equipment type			
	Quantity		Quantity
None	<input type="text"/>	Rooftop package DX unit	<input type="text"/>
Field-assembled DX system	<input type="text"/>	Single package vertical AC unit	<input type="text"/>
Hydronic coil	<input type="text"/>	Split DX system	<input type="text"/>
Packaged terminal DX unit	<input type="text"/>	Other	<input type="text"/>

Zoning category (check one) Single zone: Multiple zone:

Condenser type (check one)	Economizer type (check one)
Air cooled <input type="checkbox"/>	Air <input type="checkbox"/>
Evaporatively cooled <input type="checkbox"/>	Water <input type="checkbox"/>
Water cooled <input type="checkbox"/>	None <input type="checkbox"/>

HVAC equipment type

Heating equipment fuel type/heat source:			
Electric	<input type="text"/>	Propane	<input type="text"/>
Natural gas	<input type="text"/>	Other fossil fuel	<input type="text"/>
Oil	<input type="text"/>	Hot water	<input type="text"/>
		Steam	<input type="text"/>

Zoning category: Single zone: Multiple zone:

Heating equipment type

	Quantity		Quantity
None	<input type="text"/>	Types of heat pumps	
Central furnace	<input type="text"/>	Packaged terminal unit ²	<input type="text"/>
Duct furnace	<input type="text"/>	Rooftop packaged unit ²	<input type="text"/>
Hydronic or steam coil ¹	<input type="text"/>	Single package vertical unit ²	<input type="text"/>
Radiant heater ¹	<input type="text"/>	Split system	<input type="text"/>
Unit heater	<input type="text"/>	Water source	<input type="text"/>
Other	<input type="text"/>	Groundwater source	<input type="text"/>
		Ground source	<input type="text"/>
		Other	<input type="text"/>

1. Must be paired with plant heating: hot water and steam equipment type.
 2. 503.2.1.1: Heat pump if > GWK Heat

HVAC fan system details

Distribution type (check one)

- Single duct
- Single fan, dual duct
- Dual fan, dual duct
- Three duct

Fan variable flow control (check one)

- Vane-axial fan w/variable pitch blades
- Mechanical adjustable-speed drive
- Electrical adjustable-speed drive
- Other control

Duct design static pressure (inches w.g.)

Terminal unit type (check one)

- VAV box
- Fan powered VAV box
- VAV mixing box
- CV mixing box
- Reheat/recool coil

Fan system details (nameplate)

Supply fan HP	
Return fan HP	
Total fan power	

Total CFM

Reheat type (check one)

- Electricity
- Hydronic
- Steam

SECTION 4: REQUIREMENTS CHECKLIST

		A	B			
Cooling equipment type	Quantity	Capacity (kBtu/h)	Total capacity (A x B)	Efficiency	Eff. units	

		A	B			
Heating equipment type	Energy source	Quantity	Capacity (kBtu/h)	Total capacity (A x B)	Efficiency	Eff. units

SECTION 5: REQUIREMENTS CHECKLIST

[503.2.1] Calculation of heating and cooling loads. Design loads are determined in accordance with the procedures described in the ASHRAE/ACCA Standard 183. Alternatively, design loads have been determined by an approved equivalent computation procedure.

[503.2.1.1] Packaged Electric Equipment. Specified packaged electrical equipment has a heat pump as the primary heating source (>6KW electric heat).

Exceptions:

- o *Unstaffed equipment shelters or cabinets used solely for personal wireless service facilities*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

[503.2.2] Equipment and system sizing. Heating and cooling equipment and systems capacity do not exceed the loads calculated in accordance with Section 503.2.1.

Exceptions:

- o *Required standby equipment and systems provided with controls and devices that allow such systems or equipment to operate automatically only when the primary equipment is not operating*
- o *Multiple units of the same equipment type with combined capacities exceeding the design load and provided with controls that have the capability to sequence the operation of each unit based on load*

[503.2.3] HVAC equipment performance requirements. Reported efficiencies have been tested and rated in accordance with the applicable test procedure. The efficiency has been verified through certification under an approved certification program or, if no certification program exists, the equipment efficiency ratings are supported by data furnished by the manufacturer.

[503.2.3] Equipment meets minimum efficiency.

[503.2.4.1] Thermostatic controls. The supply of heating and cooling energy to each zone is controlled by individual thermostatic controls that respond to temperature within the zone.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

[503.2.4.1.1] Heat pump supplementary heat. Heat pumps having supplementary electric resistance heat have controls that, except during defrost, prevent supplementary heat operation when the heat pump can meet the heating load.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

[503.2.4.2] Set point overlap restriction. Where used to control both heating and cooling, zone thermostatic controls provide a temperature range or deadband of at least 5 degrees F (2.8 degrees C) within which the supply of heating and cooling energy to the zone is capable of being shut off or reduced to a minimum.

Exception:

- o *Thermostats requiring manual change over between heating and cooling modes*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.3] Optimum start controls.** Each HVAC system has controls that vary the start-up time of the system to just meet the temperature set point at time of occupancy.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.4] Off-hour controls.** Each zone is provided with thermostatic setback controls that are controlled by either an automatic time clock or programmable control system.

Exceptions:

- Zones that will be operated continuously*
- Zones with a full HVAC load demand not exceeding 6,800 Btu/hour (2 kW) and having a readily accessible manual shutoff switch*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.5] Shutoff damper controls.** Both outdoor air supply and exhaust are equipped with not less than Class I motorized dampers.

Exception:

- Gravity dampers shall be permitted for outside air intake or exhaust airflows of 300 cfm or less*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.6] Freeze protection and snow melt system controls.** Freeze protection systems, such as heat tracing of outdoor piping and heat exchangers, including self-regulating heat tracing, include automatic controls capable of shutting off the systems when outdoor air temperatures meet code criteria.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.7] Zone isolation controls.** A system serving multiple occupancies or floors in the same building is independently zoned and equipped with isolation devices.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.8] Separate air distribution systems.** Zones with special process temperature requirements and/or humidity requirements are served by separate air distribution systems from those serving zones requiring only comfort conditions; or shall include supplementary control provisions so that the primary systems may be specifically controlled for comfort purposes only.

Exception:

- Zones requiring only comfort heating or comfort cooling that are served by a system primarily used for process temperature and humidity control*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.9] Humidity control.** If a system is equipped with a means to add or remove moisture to maintain specific humidity levels in a zone or zones, a humidity control device is provided.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.9.1] Humidity control.** Where a humidity control device exists it is set to prevent the use of fossil fuel or electricity to produce relative humidity in excess of 30 percent. Where a humidity control device is used for dehumidification, it is set to prevent the use of fossil fuel or electricity to reduce relative humidity below 60 percent.

Exception:

- o Hospitals, process needs, archives, museums, critical equipment, and other non-comfort situations with specific humidity requirements outside this range*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.4.9.2] Humidity control.** Where a humidity control device exists it is set to maintain a deadband of at least 10 percent relative humidity where no active humidification or dehumidification takes place.

Exception:

- o Heating for dehumidification is provided with heat recovery or heat pumping and the mechanical cooling system efficiency is 10 percent higher that required in Section 503.2.3, HVAC equipment performance requirements*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.5] Ventilation.** Ventilation, either natural or mechanical, is provided in accordance with Chapter 4 of the OMSC. Where mechanical ventilation is provided, the system has the capability to reduce the outdoor air supply to the minimum required by Chapter 4 of the OMSC.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.5.1] Demand controlled ventilation (DCV).** DCV is required for densely occupied spaces larger than 500 square feet for simple systems and spaces larger than 150 square feet for multiple zone systems.

Exceptions:

- o Systems with energy recovery complying with Section 503.2.6*
- o Spaces less than 750 square feet (69.7 square meters) where an occupancy sensor turns the fan off, closes the ventilation damper, or closes the zone damper when the space is unoccupied*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.5.2] Kitchen hoods.** Kitchen makeup is provided as required by the OMSC.

Exceptions:

- o Where hoods are used to exhaust ventilation air that would otherwise be exhausted by other fan systems*
- o Kitchen exhaust systems that include exhaust air energy recovery complying with Section 503.2.6*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- ❑ **[503.2.5.3] Enclosed parking garage ventilation controls.** In Group S-2, enclosed parking garages used for storing or handling automobiles, employs automatic carbon monoxide sensing devices.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- ❑ **[503.2.6] Energy recovery ventilation systems.** Individual fan systems that have both a design supply air capacity of 5,000 cfm or greater and a minimum outside air supply of 70 percent or greater of the design supply air quantity have an energy recovery system.

Exceptions:

- *Where energy recovery systems are prohibited by the OMSC*
- *Systems serving spaces that are not cooled and are heated to less than 60 degrees F*
- *Where more than 60 percent of the outdoor heating energy is provided from site-recovered or site solar energy*
- *Type 1 kitchen exhaust hoods*
- *Cooling systems in climates with a one percent cooling design wet-bulb temperature less than 64 degrees F (18 degrees C)*
- *Systems requiring dehumidification that employ series-style energy recovery coils wrapped around the cooling coil when the evaporative coil is located upstream of the exhaust air stream*
- *System exhausting toxic, flammable, paint exhaust, corrosive fumes, or dust*
- *Laboratory fume hood systems that include qualifying features*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- ❑ **[503.2.7] Duct and plenum insulation and sealing.** All supply and return air ducts and plenums are insulated with the specified insulation. When located within a building envelope assembly, the duct or plenum is separated from the building exterior or unconditioned or exempt spaces by a minimum of R-8 insulation. All ducts, air handlers and filter boxes are sealed. Joints and seams comply with Section 603.9 of the OMSC.

Exceptions:

- *When located within equipment*
- *When the design temperature difference between the interior and exterior of the duct or plenum does not exceed 15 degrees F (eight degrees C)*

- ❑ **[503.2.7.1.1] Low-pressure duct systems.** All longitudinal and transverse joints, seams and connections of low-pressure supply and return ducts are securely fastened and sealed with welds, gaskets, mastics (adhesives), mastic-plus-embedded-fabric systems, or tapes installed in accordance with the manufacturer's installation instructions.

Exception:

- *Continuously welded and locking-type longitudinal joints and seams on ducts operation at static pressures less than two inches w.g. pressure classification*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- ❑ **[503.2.7.1.2] Medium-pressure duct systems.** All ducts and plenums designed to operate medium-pressure are insulated and sealed in accordance with Section 503.2.7. Pressure classifications specific to the duct system are clearly indicated on the construction documents.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.7.1.3] High-pressure duct systems.** Ducts designed to operate at high pressure are insulated and sealed in accordance with Section 503.2.7. In addition, ducts and plenums are leak-tested in accordance with the SMACNA HVAC Air Duct Leakage Test Manual.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.8]. Piping insulation.** All pipes serving space-conditioning systems (hot water piping for heat systems, chilled water, refrigerant, brine piping systems, and steam piping) are insulated as specified by this section.

Exceptions:

- Pipe insulation is not required for factory-installed piping within HVAC equipment*
- Pipe insulation is not required for piping that conveys fluids having a design operating temperature range between 60 degrees F and 105 degrees F*
- Piping within room fan-coil (with AHRI440 rating) and unit ventilators (with AHRI840 rating)*
- Pipe insulation is not required for runout piping not exceeding four feet in length and one inch in diameter between the control valve and HVAC coil*

- [503.2.9.1] Air system balancing.** Each supply air outlet and zone terminal device is equipped with means for air balancing in accordance with the requirements of the OMSC Section 603.17. Discharge dampers intended to modulate airflow are prohibited on constant volume fans and variable volume fans with motors 10 horsepower and larger.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.9.2] Hydronic system balancing.** Individual hydronic heating and cooling coils are equipped with means for balancing and pressure test connections.

- [503.2.9.3] Manuals.** The construction documents require that an operating and maintenance manual be provided to the building owner by the mechanical contractor. See long description for specifications.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.10] Air system design and control.** Each HVAC system having a total fan system motor nameplate hp exceeding five horsepower meets the provisions of Sections 503.2.10.1 through 503.2.10.2.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.10.1] Allowable fan floor horsepower.** Each HVAC system at fan system design conditions does not exceed the allowable fan system motor nameplate horsepower (option 1) or fan system brake horsepower (option 2) as shown and calculated in requirement details.

Exceptions:

- Hospital and laboratory systems that utilize flow control devices on exhaust and/or return to maintain space pressure relationships necessary for occupant health and safety or environmental control shall be permitted to use variable volume fan power limitation*
- Individual exhaust fans with motor nameplate horsepower of 1 horsepower or less*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.10.2] Motor nameplate horsepower.** For each fan, the selected fan motor is no larger than the first available motor size greater than the brake horsepower (bhp).

Exception:

- For fans less than 6 bhp, where the first available motor larger than the bhp has a nameplate rating within 50 percent of the bhp, selection of the next larger nameplate motor size is allowed*
- For fans 6 bhp and larger, where the first available motor larger than the bhp has a nameplate rating within 30 percent of the bhp, selection of the next larger nameplate motor size is allowed*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.10.3.1] Large volume fan systems.** Fan systems over 8,000 (7 m³/s) cubic feet per minute without direct expansion cooling coils that serve single zones reduce airflow based on space thermostat heating and cooling demand. A two-speed motor or variable frequency drive reduces airflow to a maximum 60 percent of peak airflow or minimum ventilation air requirement as required by Chapter 4 of the OMSC, whichever is greater.

Exception:

- Systems where the function of the supply air is for purposes other than temperature control, such as maintaining specific humidity levels or supplying an exhaust system*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.10.4] Series fan-powered terminal unit fan motors.** Fan motors for series fan-powered terminal units are electronically commutated motors and have a minimum motor efficiency of 70 percent when rated in accordance with NEMA Standard MG 1-2006 at full load rating conditions.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.12] Hot gas bypass limitation.** Cooling systems do not use hot gas bypass or other evaporator pressure control unless the equipment is designed with multiple steps (or continuous) capacity modulation.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.2.12] Hot gas bypass limitation.** For cooling systems <=240 kBtu/hour, maximum hot gas bypass capacity is no more than 50 percent total cooling capacity.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.3.2] Hydronic system controls.** Hydronic systems of at least 300,000 Btu/hour design output capacity supplying heated and chilled water to comfort conditioning systems include controls that meet the requirements of Section 503.4.3.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.1]** Supply air economizers are provided on each cooling system and are capable of providing 100 percent outdoor air, even if additional mechanical cooling is required to meet the cooling load of the building:

Exceptions:

- Systems utilizing water economizers that are capable of cooling supply air by direct or indirect evaporation or both and providing 100 percent of the expected system cooling load at outside air temperatures of 50 degrees F dry bulb/45 degrees F wet bulb and below*
- Cooling equipment less than 54,000 Btu/hour. total cooling capacity. The total capacity of all such units without economizers shall not exceed 240,000 Btu/hour. per building area served by one utility meter or service, or 10 percent of its total installed cooling capacity, whichever is greater*
- Systems where internal/external zone heat recovery is used*
- Systems used to cool any dedicated computer server room, electronic equipment room or telecom switch room having a water economizer system capable of cooling air by direct and/or indirect evaporation and providing 100 percent of the expected systems cooling load at outside air temperatures of 45 degrees F dry bulb and 40 degrees F wet bulb and below*
- Systems using condenser heat recovery, up to the cooling capacity used to provide condenser heat recovery*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.2] Variable air volume fan control.** Individual VAV fans with motors of 10 horsepower or greater are driven/controlled in the manner specified by this section.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3] Hydronic systems controls.** The heating of fluids that have been previously mechanically cooled and the cooling of fluids that have been previously mechanically heated are limited in accordance with Sections 503.4.3.1 through 503.4.3.3.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.1] Three-pipe system.** Hydronic systems that use a common return system for both hot water and chilled water are not installed.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.2] Two-pipe changeover system.** Systems that use a common distribution system to supply both heated and chilled water are designed to allow a dead band between changeover from one mode to other; are provided with controls that will allow operation in one mode for at least four hours before changing over to the other mode; and are provided with controls that allow heating and cooling supply temperatures at the changeover point.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.3] Hydronic (water loop) heat pump systems.** Hydronic heat pump systems comply with Sections 503.4.3.3.1 through 503.4.3.3.3.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.3.1] Temperature dead band.** Hydronic heat pumps connected to a common heat pump water loop with central devices for heat rejection and heat addition have controls that are capable of providing a heat pump water supply temperature dead band of at least 20 degrees F between initiation of heat rejection and heat addition by the central devices.

Exception:

- Where a system loop temperature optimization controller is installed and can determine the most efficient operating temperature based on real time conditions of demand and capacity, dead bands of less than 20 degrees F shall be permitted*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.4] Part load controls.** Hydronic systems supplying heated or chilled water to comfort conditioning systems include controls specified in the requirement details.

Exception:

- Dedicated equipment circulation pumps designed to meet minimum flow requirements established by the manufacturer, such as boiler or chiller auxiliary circulation pumps*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.6] Heating and cooling water pump control.** Water circulation systems serving heating coil(s) or cooling coil(s) have controls that lock out pump operation when there is no demand. The pumps will shut off based on the outside air lock out temperatures.

Exceptions:

- Industrial process and humidity control process*
- Hot water re-heat for terminal units*
- Pumps serving water side economizer functions, systems*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.3.7] Tower flow turndown.** Open cooling towers configured with multiple condenser water pumps are designed so that all cells can be run in parallel with a turndown flow as described in section requirements.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.5.4] Heat recovery for reheat and service water heating.** Where the total installed heat rejection capacity of water-cooled chillers exceeds 6,000 kBtu/hour and the combined design reheat, dual duct heating, and service water heating load exceeds 1,000 kBtu/hour, condenser heat recovery is installed, reheat and dual duct coils are hydronic and required heat recovery is properly sized. Additional details apply.

Exceptions:

- Facilities that provide 25 percent of their combined design service water heating, reheat and Dual Duct heating from site solar or site recovered energy*
- For fans six bhp and larger, where the first available motor larger than the bhp has a nameplate rating within 30 percent of the bhp, selection of the next larger nameplate motor size is allowed*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.4] Heat rejection equipment fan speed control.** Each fan powered by a motor of 7.5 hp or larger has the capability to operate that fan at two-thirds of full speed or less, and has controls that automatically change the fan speed.

Exception:

- Factory-installed heat rejection devices within HVAC equipment tested and related in accordance with Tables 503.2.3(6) and 503.2.3(7)*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.5] Requirements for complex mechanical systems serving multiple zones.** Complex systems serving multiple zones comply with Sections 503.4.5.1 through 503.4.5.4. Additionally, supply air systems serving multiple zones are VAV systems which are designed and capable of being controlled to reduce primary air supply to each zone, the volume of air that is reheated/re-cooled/mixed in peak heating demand, and modulate airflow between deadband and full heating/cooling.

Exceptions:

- Zones where special pressurization relationships or cross-contamination requirements are such that VAV systems are impractical*
- Zones or supply air systems where at least 75 percent of the energy for reheating or for providing warm air in mixing systems is provided from a site-recovered or site-solar energy source*
- Zones where special humidity levels are required to satisfy process needs*
- Zones with a peak supply air quantity of 300 cfm or less and where the flow rate is less than 10 percent of the total fan system supply airflow rate*
- Zones where the volume of air to be reheated, re-cooled or mixed is no greater than the volume of outside air required to meet requirements of the Oregon Mechanical Specialty Code (OMSC)*
- Zones or supply air systems with thermostatic and humidistatic controls capable of operating in sequence the supply of heating and cooling energy to the zones(s) and which are capable of preventing reheating, recooling, mixing or simultaneous supply of air that has been previously cooled*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.5.1] Single duct variable air volume (VAV) systems, terminal devices.** Single duct VAV systems use terminal devices capable of reducing the supply of primary supply air before reheating or re-cooling takes place.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.5.2] Dual duct and mixing VAV systems, terminal devices.** Systems that have one warm air duct and one cool air duct use terminal devices which reduce the flow from one duct to a minimum before mixing of air from the other duct takes place.

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

- [503.4.5.3] Supply-air temperature reset controls.** HVAC systems serving multiple zones, including *Dedicated Outside Air Systems* include controls that automatically reset the supply-air temperature in response to representative building loads, or to outdoor air temperature.

Exceptions:

- Systems that prevent reheating, recooling or mixing of heated and cooled supply air*
- 75 percent of the energy for reheating is from site-recovered or site solar energy sources*

Location in plans/specs where compliance can be identified (enter NA if not applicable): _____

SECTION 6: COMPLIANCE STATEMENT

Compliance statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the Oregon Energy Efficiency Specialty code requirements in *COMcheck* Version 3.8.0 and to comply with the mandatory requirements in the requirements checklist.

Name – Title

Signature

Date

Project notes:

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