

MASON COUNTY
DEPARTMENT OF COMMUNITY DEVELOPMENT
Permit Assistance Center

SHELTON (360) 427-9670 BELFAIR (360)275-4467 Elma (360)482-5269
 FAX: (360) 427-7798 WEB SITE: www.co.mason.wa.us
 P.O. BOX 186, SHELTON 98584

2006 Washington State Energy Code (WSEC)
2006 Ventilation and Indoor Air Quality Code (VIAQ)
Effective July 1, 2007

Code Compliance Application Form

The following information will be required for the WSEC and VIAQ plan review:

1. Complete the Washington State Energy Code/ Ventilation and Indoor Air Quality Code (WSEC/VIAQ) application located on the reverse side.
2. The window and door schedule should include all windows, skylights, sliding glass doors, french doors and any other door with 50% glass or more. Use rough opening dimensions of windows and doors to calculate size. It is always helpful to list the u-factors of windows and doors, if known. If you do not know u-factors, the plan reviewer will assume all window & door glazing will have a u-factor of .35 or less. When using the area weighted average method to comply with the prescriptive path include calculations with submittal documents.
3. On your building plans note the location and fuel type of heating system, water heater, location of exhaust fans (bathroom, laundry, kitchen, etc.) and R-factor of proposed insulation for walls, floors, ceilings, and slabs. **Outdoor lighting, permanently mounted to a residential building or to other buildings on the same lot shall be high efficacy luminaires or motion sensor with integral photocontrol photosensor. All linear fluorescent fixtures must be fitted with T-8 or smaller lamps, but not T-10 or T-12 lamps.** To verify compliance, provide lighting information on plans.
4. Questions? Call Mason County Community Development at (360) 427-9670 ext. 352. Additional WSEC and VIAQ compliance information is also available on the WSU-Energy Program website at: <http://www.energy.wsu.edu/code/>

Prescriptive Requirements ^{0,1} for Group R Occupancy
Climate Zone 1, Table 6-1

Option	Glazing Area % of Floor ¹⁰	Glazing U-factor		Door U-Factor ⁹	Ceiling ²	Vaulted Ceiling ³ <i>See note below</i>	Wall Above Grade ¹²	Wall interior ⁴ below grade	Wall exterior ⁴ Below Grade	Floor ⁵	Slab ⁶ on Grade
		Vertical	Overhead ¹¹								
I	10%	.32	.58	.20	R-38	R-30	R-15	R-15	R-10	R-30	R-10
II *	15%*	.35	.58	.20	R-38	R-30	R-21	R-21	R-10	R-30	R-10
IV	Unlimited Single Family Res (R-3) Only	.35	.58	.20	R-38	R-30	R-21	R-21	R-10	R-30	R-10

*Reference Case/ Call (360)427-9670 ext. 352 for footnote information. Log & solid timber wall with a min. avg. thickness of 3.5" are exempt from the above grade wall insulation requirements. **Vaulted ceilings shall be limited to 500 sq. ft. of ceiling area for any one dwelling unit.**

