

## Alterations Worksheet - 2018 Washington State Energy Code

### Project Information

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The WSEC requirements for alterations are located in Chapter 5 of the code text.

**Alterations (remodels) do not need to obtain energy credits from Table R406.3**

Additions must meet the requirements for new construction. This includes nonconditioned space being altered to become conditioned space.

**Will the wall cavities be exposed?**  Yes  No

**If yes:** Exposed wall cavities must be insulated -  
2 X 4 wall studs require **R-15** insulation  
2 X 6 wall studs require **R-21** insulation

**Will the roof/ceiling framing cavities or attic be exposed?**  Yes  No

**If yes:** Exposed roof/ceiling assemblies must be insulated -  
Vaulted ceilings: Insulate to the full depth of the framing member  
while allowing for the minimum 1" ventilated space  
  
Flat ceilings: Install R-49 insulation or what the attic space can  
accommodate based on the roof pitch

**Will the floor framing cavities be exposed?**  Yes  No

**If yes:** Exposed floor cavities must be insulated to R-30

**Are the windows and/or doors being replaced?**  Yes  No

(includes both window or door and frames)

**If yes:** New windows and doors must have an area weighted average U-factor of  $\leq 0.30$

**Will the heating or cooling system be replaced?**  Yes  No

**If yes:** New equipment must meet current requirements and  
ducts need to be tested

**Will the hot water system be altered?**  Yes  No

**If yes:** New water heating equipment must meet current code requirements

**Are more than 50% of the light fixtures being changed?**  Yes  No

**If yes:** 90% of all lamps must be high efficacy  
(LED or CFL)