

ENGINEERING CHECK LIST FOR CONVERSION TO VENDOR UNITS WAC 296 150V

Is an engineering analysis or structural load test required for my vendor conversion unit or a medical unit design plan?(WAC 296-150V-340)

- **Check** to be sure specific loads by equipment or usage is not creating concentrated loading that may require engineering analysis or structural load test. These are required when loads of **500 pounds** or more are concentrated in a **sixteen square foot area**.

Where do I find an engineer to do the calculations and analysis?

- **Check** in the yellow pages of the phone book, with Engineering associations or recommendations of friends or construction trades etc. **We are not permitted by law to recommend specific names.**
- **Check** to be sure that the **engineer is currently licensed with the State of Washington.** You may call Dept. of Engineer Licensing at **360 753 3634** for this information.
- **Check** to be sure the following test procedures are followed for your design plan if you determine to use the structural load test.(WAC 296-150V-0350)
 1. Test to a design must be witnessed by a professional engineer or architect licensed in Washington or by a department employee.
 2. Test reports must contain the following items:
 - (a) A description of the methods or standards that applied
 - (b) Drawings and a description of the item tested;
 - (c) A description of the test set-up.
 - (d) The procedure used to verify the correct load;
 - (e) The procedure used to measure each condition;
 - (f) Test data ,including applicable graphs and observations of the characteristics and behavior of the item tested; and
 - (g) Analysis, comments, and conclusion.