

WAC 296-150F-0320 What must I provide with my request for design-plan approval by the department? All requests for design-plan approval must include:

(1) A completed design-plan approval request form;

(2) Two complete sets of design plans, specifications, engineering analysis, test procedures and results plus one additional set for each manufacturing location where the design plan will be used (see WAC 296-150F-0340 and 296-150F-0350);

(3) At least one set of design plans must have an original wet stamp from a professional engineer or architect licensed in Washington state. All new, renewed, and resubmitted plans, specifications, reports and structural calculations prepared by or prepared under his or her direct supervision shall be signed, dated and stamped with their seal. Specifications, reports, and structural calculations may be stamped only on the first sheet, provided this first sheet identifies all of the sheets that follow are included and identified in the same manner. Plans that have not been prepared by or under the engineer's or architect's supervision shall be reviewed by them and they shall prepare a report concerning the plans reviewed. This report shall:

(a) Identify which drawings have been reviewed by drawing number and date;

(b) Include a statement that the plans are in compliance with current Washington state regulations; and

(c) The report shall be stamped and signed by the reviewer.

Any deficiencies shall be corrected on the drawings before submitting to the department or be included in the report and identify as to how they are to be corrected. This report shall be attached to the plan(s) that were reviewed. We will retain the set with the original wet stamp;

(4) A one-time initial filing fee and the design-plan fee (see WAC 296-150F-3000); and

(5) A "key drawing" to show the arrangement of modules if the plan covers three or more modules.

(6) Electrical plan review for educational, institutional or health care facilities and other buildings. Plan review is a part of the electrical inspection process; its primary purpose is to determine:

(a) That loads and service/feeder conductors are calculated and sized according to the proper NEC or WAC article or section;

(b) The classification of hazardous locations; and

(c) The proper design of emergency and standby systems.

(7) All electrical plans for new or altered electrical installations in educational, institutional, and health or personal care occupancies classified or defined in this chapter must be reviewed and approved before the electrical installation or alteration is started. Approved plans must be available for use during the electrical installation or alteration and for use by the electrical inspector.

(8) All electrical plans for educational facilities, hospitals and nursing homes must be prepared by, or under the direction of, a consulting engineer registered under chapter 18.43 RCW in compliance with chapters 246-320 and 388-97 WAC as applicable and stamped with the engineer's mark and signature.

(9) Plans to be reviewed by the department must be legible, identify the name and classification of the facility, clearly indicate the scope and nature of the installation and the person or firm responsible for the electrical plans. The plans must clearly show the electrical installation or alteration in floor plan view, include switchboard

and/or panel board schedules and when a service or feeder is to be installed or altered, must include a riser diagram, load calculation, fault current calculation and interrupting rating of equipment. Where existing electrical systems are to supply additional loads, the plans must include documentation that proves adequate capacity and ratings. The plans must be submitted with a plan review submittal form available from the department.

[Statutory Authority: Chapter 43.22 RCW. WSR 12-15-061, § 296-150F-0320, filed 7/17/12, effective 9/1/12; WSR 07-05-063, § 296-150F-0320, filed 2/20/07, effective 4/1/07; WSR 05-23-002, § 296-150F-0320, filed 11/3/05, effective 12/4/05. Statutory Authority: RCW 43.22.340 and 43.22.480. WSR 99-13-010, § 296-150F-0320, filed 6/4/99, effective 7/5/99. Statutory Authority: RCW 43.22.340, [43.22.]355, [43.22.]360, [43.22.]432, [43.22.]440 and [43.22.]480. WSR 96-21-146, § 296-150F-0320, filed 10/23/96, effective 11/25/96.]