339.5935 Qualified technical education programs; course content; rules.

Sec. 935. (1) The department by rule shall designate the course content for qualified technical education programs for the various categories and classifications of registration of boiler operators and stationary engineers under this article.

(2) The rules described in subsection (1) shall provide that the course content of qualified technical education programs for entry-level registrants include at least all of the following subject matter areas:

(a) Basic functions, construction, and operation of all types of boilers.
(b) The function of boiler appliances, accessories, and associated auxiliaries.
(c) Materials used in boilers and the effect of temperature extremes on those materials.
(d) The fuels used in boilers and fundamentals of combustion.
(e) Basic electricity.
(f) Plant operation and boiler maintenance.
(g) Instrumentation and controls.
(h) Fundamental mathematics and principles of the metric system.
(i) General safety procedures.
(j) Recognition of dangerous operation conditions.

(3) The department shall provide that the course content for categories and classifications of registrants under this article, other than entry-level registrants, includes subject matter similar to those described in subsection (2) in the degree of depth and difficulty appropriate for the category and class.