

**351.109 Requirements for qualification and certification to perform electrical work  
-- Written tests.**

- (1) An individual is a qualified and certified person, within the meaning of this chapter, to perform electrical work, other than work on energized surface, high voltage lines, if he has at least one (1) year of experience under direct supervision of a qualified electrician in performing electrical work underground in a coal mine, in the surface work areas of an underground coal mine, in a surface coal mine, in a noncoal mine, in the mine equipment manufacturing industry, or in any other industry using or manufacturing similar equipment, and he attains a satisfactory grade on each of the series of written tests administered by the department and required in subsection (2) of this section.
- (2) The series of written tests shall include, but not be limited to, the following subjects:
  - (a) Direct current theory and application;
  - (b) Alternating current theory and application;
  - (c) Electric equipment and circuits;
  - (d) Permissibility of electric equipment;
  - (e) Requirements of both federal and state laws; and
  - (f) Pertinent sections of the National Electrical Code.
- (3) A score of at least eighty (80) percent on each of the written tests shall be deemed to be a satisfactory grade. Recognition shall be given to practical experience in that one (1) percentage point shall be added to an individual's score in each test for each additional year of experience beyond the one (1) year minimum requirement specified in subsection (1) of this section; however, in no case shall an individual be given more than five (5) percentage points for such practical experience.
- (4) An individual may, within thirty (30) days from the date on which he received notification from the department of his test scores, repeat those sections on which he received an unsatisfactory score. If further retesting is necessary after this initial repetition, a minimum of thirty (30) days from the date of receipt of notification of the initial retest scores shall elapse prior to such further retesting, whereupon the entire series of written tests shall be retaken.
- (5) An individual qualified and certified in accordance with this section shall, in order to retain qualification and certification, satisfactorily complete annually a retraining program approved by the department.

**Effective:** July 14, 2000

**History:** Amended 2000 Ky. Acts ch. 104, sec. 10, effective July 14, 2000. -- Amended 1994 Ky. Acts ch. 156, sec. 1, effective July 15, 1994. -- Amended 1980 Ky. Acts ch. 205, sec. 1, effective July 1, 1980. -- Created 1976 (1st Extra. Sess.) Ky. Acts ch. 8, sec. 9.