

11 NCAC 08 .0738 ELECTRICAL INSPECTOR LEVEL I, II AND III

(a) An Electrical Inspector, Level I, (Residential) shall be qualified to perform code-enforcement official duties for electrical systems that serve individual residential dwelling units and equipment including its accessory structures and equipment, except for those systems described in Paragraph (b) or (c) of this Rule.

(b) An Electrical Inspector, Level II, (Commercial) shall be qualified to perform code-enforcement official duties for electrical systems that serve non-residential structures and equipment including common areas of multi-family residential structures, except for those systems described in Paragraph (a) or (c) of this Rule.

(c) An Electrical Inspector, Level III, (Special Systems) shall be qualified to perform code-enforcement official duties for any residential or commercial building or structure and the following special systems:

- (1) Photovoltaic systems
- (2) Electrical power production facilities and equipment with a generating capacity of 5,000 kW or greater.

(d) Electrical Inspector, Level I. A standard certificate, electrical inspector, Level I, shall be issued to any applicant who complies with Rule .0706(b) through (g) of this Section and who provides documentation that the applicant possesses one of the following:

- (1) A one-year diploma in electrical construction from an accredited college or an equivalent apprenticeship or trade school program in electrical construction;
- (2) A four-year degree from an accredited college or university;
- (3) At least six months of electrical inspection experience with a probationary Level I electrical inspection certificate on a minimum of two Level I buildings while working under the direct supervision of a standard certified electrical inspector I or III, with a supporting letter from the applicant's supervisor which complies with Rule .0706(b) of this Section;
- (4) At least one year of electrical design, construction, or inspection experience on a minimum of two Level I buildings while working under the direct supervision of a licensed professional engineer or licensed electrical contractor, with a supporting letter from the applicant's supervisor which complies with Rule .0706(b) of this Section;
- (5) A restricted (one family dwelling) license or license as an electrical contractor;
- (6) At least two years of electrical installation or inspection experience while working under a licensed electrical contractor; or
- (7) At least one year of experience with a probationary Level I electrical inspection certificate inspecting electrical installations on a minimum of two Level I buildings.

(e) Electrical Inspector, Level II. A standard certificate, electrical inspector, Level II, shall be issued to any applicant who complies with Rule .0706(b) through (g) of this Section and who provides documentation that the applicant possesses one of the following:

- (1) A license as a professional engineer;
- (2) A four-year degree from an accredited college or university in electrical engineering or electrical construction;
- (3) A four-year degree from an accredited college or university and at least two years of electrical design, construction, or inspection experience on a minimum of two Level II buildings while working under the direct supervision of a certified electrical inspector II or III, licensed engineer, or intermediate or unlimited licensed electrical contractor;
- (4) A two-year degree from an accredited college or university in electrical engineering or electrical construction and at least two years of electrical design, construction, or inspection experience on a minimum of two Level II buildings while working under the direct supervision of a certified electrical inspector II or III, licensed engineer, or intermediate or unlimited licensed electrical contractor;
- (5) An intermediate or unlimited license as an electrical contractor with experience on a minimum of two Level II buildings;
- (6) At least three years of electrical inspection experience including one year of inspection experience with a probationary Level II electrical inspection certificate on a minimum of two Level II buildings while working under the direct supervision of a certified electrical inspector II or III, with a supporting letter from the applicant's supervisor which complies with Rule .0706(b) of this Section
- (7) At least three years of electrical design, construction, or inspection experience on a minimum of two Level II buildings while working under the direct supervision of a licensed professional

engineer or licensed intermediate or unlimited electrical contractor, with a supporting letter from the applicant's supervisor which complies Rule .0706(b) of this Section; or

- (8) At least one year of experience with a probationary Level II electrical inspection certificate inspecting electrical installations on a minimum of two Level II buildings.

(f) Electrical Inspector, Level III. A standard certificate, electrical inspector, Level III, shall be issued to any applicant who complies with Rule .0706(b) through (g) of this Section and who provides documentation that the applicant possesses one of the following:

- (1) A license as a professional engineer with design, construction, or inspection experience on Level III buildings and specialization in electrical engineering;
- (2) A four-year degree from an accredited university in electrical engineering or electrical construction and at least one year of electrical design, installation, or inspection experience while working under the direct supervision of a certified electrical inspector III, licensed professional engineer, or licensed unlimited electrical contractor at least at the level of supervisor in responsible charge of a minimum of two Level III buildings;
- (3) A two-year degree from an accredited college or university in electrical engineering or electrical construction and at least three years of electrical design, installation, or inspection experience while working under the direct supervision of a certified electrical inspector III, licensed professional engineer, or licensed unlimited electrical contractor with at least one year at the level of supervisor in responsible charge of a minimum of two Level III buildings;
- (4) An unlimited license as an electrical contractor with experience on a minimum of two Level III buildings;
- (5) At least four years of electrical inspection experience including one year of inspection experience with a probationary Level III electrical inspection certificate on a minimum of two Level III buildings while working under the direct supervision of a certified electrical inspector III, with a supporting letter from the applicant's supervisor which complies with Rule .0706(b) of this Section;
- (6) At least four years of electrical design, construction, or inspection experience while working under the direct supervision of a licensed professional engineer or licensed unlimited electrical contractor, two years of which have been performed at the level of supervisor in responsible charge of a minimum of two Level III buildings, with a supporting letter from the applicant's supervisor which complies with Rule .0706(b) of this Section; or
- (7) At least one year of experience with a probationary Level III electrical inspection certificate inspecting the electrical installations of a minimum of two Level III buildings.

*History Note: Authority G.S. 143-151.12(1); 143-151.12(3); 143-151.13;
Eff. February 1, 2025.*