

ELECTRICAL INSPECTOR I

(Department of Neighborhood Services)

THE PURPOSE

An Electrical Inspector I inspects wiring and electrical equipment in all existing and new commercial and residential buildings for compliance with appropriate Codes.

ESSENTIAL FUNCTIONS

- ❖ Inspect wiring and electrical equipment in structures;
- ❖ Conduct inspections on complaints and investigate accidents;
- ❖ Inspect for removal of any hazards and alterations reported;
- ❖ Write reports after investigation of electrical fire and accidents and
- ❖ Perform other essential functions as required.

MINIMUM REQUIREMENTS

1. Must meet State of Wisconsin Department of Commerce requirements to receive a Commercial Electrical Inspector Certification under either Method 1 or Method 2.

Method 1 – Hours of Experience and Examination

Completing the necessary hours of experience and taking and passing the commercial electrical certification examination.

- a. At least 1,000 hours per year for at least 6 years of experience in electrical construction work.
If a person has successfully completed semesters in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program, the applicant may claim 500 hours of experience for each semester up to a total of 3,000 hours towards the required experience.
-OR-
- b. At least 1,000 hours per year for at least 3 years of experience in electrical construction work and has a degree in Electrical Engineering from an accredited college or university;
-OR-
- c. At least 1,000 hours per year for at least 3 years experience in electrical construction work and holds a credential under ch. 443, Stats., as a registered professional engineer, a registered architect or a certified designer of electrical systems.

Method 2 – Submitting Evidence of Holding a Current Certification

Submitting evidence of holding a current certification as a:

- a. Master electrician issued under s. Comm. 5.43.
-OR-
 - b. Commercial Electrical Inspector certification issued by the International Code Council.
-OR-
 - c. Master Electrical Inspector certification issued under the International Association of Electrical Inspectors.
2. At least 1000 hours per year for at least 3 years in design or installation of electrical equipment specifically related to construction in residential or commercial buildings.
 3. Certification as a commercial electrical inspector by the State of Wisconsin Department of Commerce. Individuals not possessing this certification may apply for and compete in the examination for this position. Certification will be required within 6 months of appointment. Certification is tested for and issued by the State of Wisconsin. Applicants should call (608) 261-8500 for further information about the certification process.
 4. Residence in the City of Milwaukee within 6 months of appointment and throughout employment.
 5. Valid driver's license and availability of a properly insured personal car for use on the job as needed (car allowance provided), at time of appointment and throughout employment.
 6. Individual will be required to purchase special clothing and to maintain this clothing to comply with the Department dress code.

CURRENT SALARY RANGE (2006 annual rates) **Electrical Inspector I** (549): \$48,478 to \$56,935. Upon successful completion of two years work experience, the employee may be eligible for promotion to the **Electrical Inspector II** (589) level, with an existing salary range of \$55,276 to \$62,214.