

The Thompson & Lichtner Company, Inc. seeks a Building Enclosure Engineering Technician. The Building Enclosure Engineering Technician performs assignments designed to develop professional work knowledge and abilities, requiring application of standard building enclosure engineering techniques, procedures, and criteria. Reports to Project Manager.

The duties and responsibilities include the following:

- Performs weatherproofing inspection and testing.
- Implements completions of technical reports.
- Uses computer assisted engineering and design software and equipment to prepare engineering documents.
- Leads projects and communicates with building owners and contractors.
- Assess reported water infiltration, search for potential weatherproofing failures, design and executed tests to determine the source of the infiltration and provided insight for repairs.
- Perform of Wind Uplift tests in accordance with ASTM E907 and FM 1-52. Perform condition surveys of masonry, concrete and EIFS building envelope.
- Observe Weatherproofing installation, ensure details used match the specification, and produce progress reports.
- Produce client deliverable field test reports,
- Produce Weatherproofing details for use in envelope renovation projects.
- Document Failures and other issues found during condition surveys and field tests.
- Perform Electronic Roof Testing Service (High and Low Voltage)
- Perform Blower Door Testing.
- Perform Infrared Thermography as non-destructive method to investigate structural condition and damage assessment of buildings.
- Check contract documents (working drawings, specifications, submittals, change orders, etc.) to ensure proper execution.
- Define problems, collect data, evaluate facts, and draw valid conclusions.
- Interpret an extensive variety of technical instructions in mathematical or diagram form and to deal with several abstract and concrete variables.

Fieldwork assignments with some travel may be required.

EDUCATION AND EXPERIENCE REQUIREMENTS: Associates degree in Civil Engineering (or foreign equivalent) plus a minimum of two years of experience in Building enclosure and construction inspection and Building condition survey.

LANGUAGE REQUIREMENTS: Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write technical reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, and the general public.

PHYSICAL REQUIREMENTS: While performing the duties of this job, the employee is regularly required to sit; stand; use hands to finger, handle, or feel objects, tools, or controls, reach with hands and arms, and talk or hear. The employee is occasionally required to walk, sit, climb or balance, and stoop, kneel, crouch, or crawl. The employee may be required to lift and/or move up to 25 pounds, and occasionally lift and/or move up to 125 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception, and the ability to adjust focus.

While in the field, the employee may be required to walk in rugged conditions, work in adverse weather conditions, and stand up to eight hours or more at a time. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

CERTIFICATES, LICENSES, REGISTRATIONS: Must have earned at least one AIA(American Institute of Architects)/CES Learning Unit Hour: HSW (health, safety & welfare)/SD (sustainable design). Must also have attended one OSHA-10 hour Safety Course.

Resumes should be mailed to: Henry R. Heywood, CEO, The Thompson & Lichtner Company, Inc., 480 Neponset Street, Unit 11A, Canton, MA 02021.

Contact Information: Henry R. Heywood, CEO, The Thompson & Lichtner Company, Inc., 480 Neponset Street, Unit 11A, Canton, MA 02021.
