



Kenneth Strupczewski, PE | CEM | LEED® BD+C

Project Manager



Background

Mr. Strupczewski is a Mechanical Engineer with over 10 years of experience in the design of HVAC mechanical building systems, with a primary focus on healthcare, higher education, science and technology, laboratory, and central plant facilities. He leads project teams and interacts with clients and architects to ensure projects are completed per the owner's requirements, within project budgets, and on time. He manages the mechanical engineering aspect of design and carries out load analysis, equipment selection, air and water distribution design, and overall system determination based on client needs, facility requirements, and building codes. He is also in charge of the mechanical portion of LEED® design and application and performs building commissioning and energy modeling analysis.

Education

Bachelor of Science, Mechanical Engineering
The Pennsylvania University, Philadelphia, PA

Professional Licenses & Certifications

Professional Engineer licensed in New Jersey, New York

United States Green Building Council (USGBC), LEED® BD+C Accredited Professional
Association of Energy Engineers (AEE), Certified Energy Master (CEM)

Affiliations

American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)

Healthcare Project Experience

- **AtlantiCare Regional Medical Center (Mainland), Isolation Room Conversion, Pomona, NJ:** Conversion of existing patient room to FGI-compliant Airborne Infection Isolation (AII) room with new dedicated exhaust fan and room controls. Prototype to be implemented throughout hospital for future conversion of rooms to AII.
- **AtlantiCare Regional Medical Center (City), Isolation Room Upgrades, Atlantic City, NJ:** Engineering study of pressurization control problems led to upgrade of existing Airborne Infection Isolation (AII) room central exhaust systems and room controls to compensate for room air leakage (with no anterooms) and achieve dynamic control of room pressurization according to current FGI requirements.
- **Catholic Health Services of Long Island Villas RTU Replacement, Rockville Center, NY:** Prepared calculations and technical requirement for RTU replacements at the Villas building. RTU-1 was originally oversized and could not properly condition the space. As part of the project RTU-1 was properly sized to ensure correct operation and energy savings.
- **Children's Hospital's Philadelphia, Commissioning of South Campus Expansion, Philadelphia, PA:** Assisted in Commissioning of Healthcare and Higher Education projects in the greater Philadelphia area. Work included: supporting of current Commissioning Team, performing site inspections, reviewing and comparing specifications to on-site conditions, reporting on findings and solutions to problems.
- **Chilton Medical Center, Hybrid Pediatric Emergency Department, Pompton Plains, NJ:** Renovation and expansion of existing pediatric emergency department. Project was phased to allow for active emergency department. Projected include renovations to existing emergency department and repurposing of existing hospital space to expand ED. The Hybrid PED's included exam and treatment rooms, isolation rooms, patient rooms, and support spaces.
- **Clara Maas Medical Center, Emergency Department Renovation, Belleville, NJ:** Renovation and expansion of existing emergency department. Project was phased to allow for active emergency department. New wing was added and existing space renovated to meet current FGI inpatient standards.