



Khenya Clay is a Technical Analyst for MaGrann Associates. She performs engineering design and consulting for high performance buildings, including detailed mechanical, plumbing and fire protection engineering design work for the multifamily and design team.

Khenya makes technical decisions for each project, considering mechanical issues, client's interests and company responsibilities and liabilities.

Professional Experience

Khenya brings ten years of experience in engineering, procurement and construction to her position at MaGrann. She has worked as a project manager, overseeing construction and grant funds for residential projects impacted by Superstorm Sandy and as a mechanical/instrumentation engineer for residential, petrochemical and energy efficiency projects.

Currently as a Technical Analyst for MaGrann, she provides the following:

- ◆ Completes energy audits on multifamily buildings and prepares reports of cost saving measures
- ◆ Performs heating and cooling design load calculations and energy use analysis
- ◆ Designs and lays out mechanical and plumbing systems using AutoCAD
- ◆ Designs to LEED, ENERGY STAR and other high performance building standards
- ◆ Supervises and coordinates work of technical subcontractors and associates
- ◆ Ascertains practical upgrades to thermal envelope and mechanical systems
- ◆ Assists in preparing proposals and developing new business

Project Experience

Khenya's completed Multifamily Energy Audit & Retrofit projects include:

- ◆ Sharswood Townhouses I, ASHRAE Level 2 Audit, Philadelphia, PA
- ◆ Rittenhouse Condominiums, ASHRAE Level 2 Audit, Philadelphia, PA
- ◆ 1701 N 2nd Street, Mechanical Design, Philadelphia, PA
- ◆ Benning Road, Mechanical Design, Washington D.C.

Expertise

Project management, site coordination, equipment specifications, load calculations, mechanical design, energy audits and assessments

Qualifications

- ◆ Engineer in Training (EIT)
- ◆ BPI Multifamily Building Analyst (MFBA)

Years of Experience

10

Education

Bachelor of Engineering, Mechanical Engineering, University of Delaware; Newark, DE