

## **JEFFREY M. DAYS**

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Philadelphia, PA 19145

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### **CERTIFICATIONS**

- Certified by the Dept. Of Labor to supervise a crew of installers.
- Certified by the Dept. Of Labor to perform residential energy audits and test combustion appliances for safety and efficiency.
- Nationally certified by the Building Performance Institute to perform Quality Control Inspections.

### **PROFESSIONAL EXPERIENCE**

#### **PHILADELPHIA HOUSING DEVELOPMENT CORPORATION, Philadelphia, PA**

##### ***Quality Control Supervisor***

**2015-2020**

- Inspecting energy efficiency retrofits, performing duct blaster and CAZ testing, utilizing infrared cameras, ASHRAE building airflow calculations, understanding regulations and standards, desk & in-progress monitoring, and report writing
- Quality control inspection on a weatherized house and generate a QC report
- Principles of cost-effectiveness and the savings-to-investment ratio (SIR)
- Discuss the potential for interaction among building components and mechanical systems
- Give examples of how air sealing a home can negatively affect indoor air quality
- Recognize typical air leakage sites and know how to deal with them
- Identify DOE rules, regulations, and guidance
- Locate resources for residential building, electrical, and mechanical codes
- Discuss the application of codes in weatherization
- Locate resources for worker safety requirements
- Describe DOE rules and guidance as they apply to incidental repairs and health and safety (H&S) Measures
- Supervise team of energy auditors performing home inspections

##### ***Energy Efficiency Specialist***

**2008-2015**

- Performs energy audits, air quality and safety testing, quality assurance monitoring, and final inspections using a variety of test equipment including a blower door, infrared camera, combustion analyzer, draft gauges, carbon monoxide tester, and furnace control circuit testers
- Takes blower door readings to determine air volume movement at multiple pressure differentials and using a hand held computer or manual data graphing calculates air leakage (in CFM) at a standardized pressure differential
- Using blower door analysis, determines the leakage reduction goals and prescribes the work routine for the achievement of these goals

#### **EMERALD WINDOWS INC., Philadelphia, PA**

**2004-2008**

##### ***Weatherization Manager***

- Supervised and coordinated activities of workers engaged in applying weatherization tactics to residential housing in the Philadelphia area
- Estimates and requisitions necessary materials and supplies
- Assigns workers to specific duties
- Demonstrates to new workers techniques of cutting and applying insulation, air sealing and diagnostic testing
- Inspects applied measures for conformance to specifications

- Compiles production and worker performance reports
- Resolves employee grievances

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NELSON, Philadelphia, PA

1999– 2004

*Allocation Specialist*

- Maintaining CAFM systems and varying requests for space, reports, and architectural changes
- Working with architects and designers to coordinate projects in facilities planning
- Working in depth with clients to accomplish specific goals and deadlines
- Provide planning for facility construction and related projects
- Creating and inputting new sites in the CAFM system upon client request