



Sample Project List

Chocolate Factory

Pitt Ohio Commissioning

Honeywell-Old Economy Village

St. Joseph's Villa

Jaguar/Land Rover Dealership

North Fayette Community

Bradford Schools

CCAC KLI

A & L Motors

Gill Hall, W. Jefferson

Hills School District

Design

- Uses design experience to provide guidance and input throughout all phases of design
- Lead the entire MEP team to progress total project on schedule.
- Supervise and mentor less experienced HVAC designers.
- Lead discussions and presentations with clients.
- Analyze existing systems for potential operational and/or efficiency upgrades.
- Educate owners on HVAC issues specific to their application to assist in final decision-making.
- Estimate project costs at various phases of project design.
- Review project construction submittals for compliance with contract documents.
- Work directly with contractors on-site to resolve issues during construction.
- Perform energy use analysis of existing and proposed buildings to maximize return on investment for various construction options as well as to quantify building performance for LEED certification.

Commissioning

- Design and author prefunctional checklists and functional tests for HVAC commissioning projects based on the specific project equipment and sequences of operation.
- Review MEP designs of other firms for completeness, adherence to the Owner's Project Requirements and ability to be commissioned.
- Review equipment submittals for commissioning requirements.
- Review project sequences of operation to verify they meet project requirements and can be properly commissioned.
- Field verify installations and operation as part of the commissioning process.
- Author final commissioning reports to meet LEED or MA-CHPS Schools requirements.

Employment History

9/13-Present	BDA Engineering, Inc., Pittsburgh, Pennsylvania
2010-2013	Foreman Arch. & Engineering, Zelienople, Pennsylvania
2007-2010	Eckles Arch. & Engineering, New Castle, Pennsylvania
1993-2006	Elwood S. Tower Corporation, Pittsburgh, Pennsylvania

Professional Registration

2000 P.E. – State of Pennsylvania

Educational Background

1993
 Pennsylvania State University
 B.A.E. with Honors –
 Architectural Engineering, HVAC

**BDA
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