



**COLLABORATIVE**

**SUSTAINABLE**

**CUTTING-EDGE**

## **BUILDING COMMISSIONING ENGINEER (OR) MECHANICAL / ELECTRICAL ENGINEER WITH A CONSTRUCTION BACKGROUND**

PBA is expanding and is seeking either a building commissioning engineer with 5 or more years' commissioning experience or a mechanical/electrical engineer with construction background, knowledge of building mechanical, temperature controls and electrical systems.

Technical skills should include an in-depth understanding of HVAC, electrical and energy codes and standards, building automation/controls and the building construction process. Non-degreeed applicants will be considered if experienced in construction management for commercial mechanical or electrical installation.

Must have a valid Michigan driver's license and reliable transportation.

### **Responsibilities**

- Provide commissioning services for new and existing buildings
- Review building control systems and EMS performance
- Analyze mechanical/electrical systems and be able to trouble shoot complex mechanical systems and controls
- Review construction documents
- Develop checklists, test, and plans
- Conduct commissioning meetings and facilitate issue resolution
- Conduct functional testing and diagnose problems
- Perform measurement and verification
- Manage projects adhering to budgets and deadlines
- Coordinate with internal/external clients and building construction management teams
- Writing Cx manuals
- Conduct Cx meetings and produce meeting minutes
- Coordinate and direct commissioning activities
- Review equipment submittals
- Review contractor/manufacture supplied equipment start-up forms prior to start-up
- Perform site visits and distribute field reports

## **Portfolio**

*Education*

*Healthcare*

*Public*

*Industrial, R & D*

*Power & Energy*

*Sports, Entertainment & Cultural*

*Office & Data Centers*

*Retail & Housing*

*Historic Preservation*

