

## SBM Commissioning Agents

Commissioning [Cx] is used to ensure critical systems and components of a building are designed, installed, inspected, tested, maintained, and operating according to standard parameters. As Cx certification organizations emphasize different priorities, SBM's commissioning team has elected to utilize two types: Building Commissioning Professional [BCxP] from the American Association of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) and Certified Building Commissioning Professional [CBCP] from the Association of Energy Engineers (AEE). In addition, our team of design engineers apply their design and construction administration experience to Cx projects on a regular basis.

### **Chris Schoonover, PE, LEED AP, BCxP – Mechanical**

Chris has over 25 years of engineering experience. The breadth of design experience gleaned throughout his career gives him the background and knowledge to be a successful commissioning agent. He enjoys going into the field and actively participating in the commissioning of projects. Chris' communication skills, approachable demeanor, and skill in resolving problems allow him to effectively bring together all parties involved to make a project successful.

### **Chad Montgomery, PE, LEED AP BD+C, HFDP, BCxP – Mechanical**

Chad's engineering background spans over more than 2 decades. He has worked alongside other commissioning consultants as the lead designer and has been the commissioning authority on projects. This experience in both roles is important, as the understanding of all sides of the project -from inception through design, construction, and turnover to owner- provides a broad depth of knowledge. Chad is a very hands-on engineer, enjoying the opportunities to bring test instruments to the jobsite for verification and/or troubleshooting. He communicates and works well with various team members including contractors, engineers, and owners.

### **Matt Mottice, PE, BCxP – Mechanical**

Matt's design experience has been a road map for extending his career into commissioning. He has had the opportunity to perform Cx roles for K-12 schools, higher education institutions, and healthcare facilities. His commissioning experience includes assisting with the owner's project requirements, assessing existing systems, reviewing designs, performing construction verification, and ensuring an exceptional building turnover to the owner. Matt believes commissioning opens the doors of communication, as it involves all parties from project inception to long term facility maintenance.

### **James Eckman, PE, LEED AP, LC, CBCP – Electrical**

James has over 30 years of electrical design, construction management, and electrical system commissioning experience. Throughout his career, he has developed a superior knowledge of electrical systems in general, and specifically lighting systems and lighting controls. James firmly believes it is necessary for both the design engineers and commissioning agent to thoroughly understand the electrical system components in order to achieve the desired sequences. Detailed electrical commissioning specifications are written for every project on which James is the commissioning agent. These specifications define each contractor's responsibility and also include pre-functional and functional test sheets for all commissioned equipment and systems.

SBM's Cx agents tailor commissioning services to individual projects' specific scope. Our agents give personal attention to each project by determining the end goals in conjunction with building owners and operators. They then provide a plan to reach these goals.