



## Commissioning Services

Commissioning [Cx] is the process for achieving, verifying, and documenting that the performance of facilities, systems, and assemblies meets defined objectives and criteria. SBM has a team of seasoned commissioning agents and a portfolio of nearly 50 recent Cx projects. Clients include government, industry, education, and health care.

### Experience

SBM's Cx agents have experience in reviewing, testing, analyzing, and producing assessments for mechanical, electrical, and industrial systems. Our agents' wide range of experience enables them to record the results of the design and commissioning process to improve the operation of a building's systems. Our extended team of engineers provide assistance and support to our commissioning agents.

### Timing

Ideally, commissioning for new facilities starts as early as possible in the timeline of a new project – sometimes even prior to the design team being engaged. All of the steps required in the commissioning process are key components in verifying the success of a project design. Peer review of the documents during the design phase can help circumvent both constructability and maintainability issues.

Commissioning can also be applied to existing systems and equipment to solve operational problems, improve ventilation, and increase comfort. Often, adjustments resulting from Cx recommendations can save on energy costs or extend the life of the equipment.

### Deliverables

There are many aspects to the commissioning process, all of which are key components in verifying the success of systems, equipment, or a project design. SBM's Cx services include:

- Development of commissioning, operation, and preventative maintenance plans
- Development of pre-functional and functional test procedures
- Progress review visits during construction
- On site verification of equipment operation
- Investigation of problems and issues
- Documentation of the Cx process for future reference or recommissioning

Because SBM has designed many diverse projects, our depth of experience will help in the process and enhance the design. Our goal as commissioning agents is to ensure the owner receives systems which fulfill the requirements identified and documented throughout the life of the project.