



ENGINEERING SERVICES **COMMISSIONING**



Since 1999, BSA has been providing building commissioning services for our clients as an effective means to save on operations, maintenance, and energy costs.

We have adapted our quality-based process as the industry has evolved to verify that systems and equipment are installed and function per owner requirements. Our new construction commissioning model is based on ASHRAE Guidelines and BCA Best Practices, customized to meet owner's project-specific needs.

The commissioning process provides several key benefits. It ensures dedicated owner advocacy throughout design, construction, and post-occupancy phases. Quality control extends beyond standard field observations, enhancing overall project reliability. Thorough design and submittal reviews help minimize change orders. The process also verifies the performance of complex systems before turnover, reducing the risk of operational issues. Additionally, commissioning improves energy efficiency, extends equipment lifespan, and enhances maintainability.

NEW CONSTRUCTION

- Commissioning for LEED, both fundamental & enhanced
- Owner's project requirements development
- Commissioning focused design reviews
- Equipment start-up support
- Hands-on functional testing
- Issues identification and resolution
- Coordination, execution, & documentation of functional testing

EXISTING BUILDINGS

Retro-Commissioning and Re-Commissioning including:

- Systems evaluation
- Energy conservation measure development
- Payback analysis