

COMMISSIONING SERVICES

Cumming's energy team provides building commissioning, LEED enhanced commissioning, and system recommissioning services. This service offers the building owner confidence that the designers and contractors have done the work the owner hired them to do. Not only does commissioning help ensure that a new building is performing optimally when delivered to the owner, it also improves the chances that the building will continue to operate as needed.

BUILDING SYSTEMS INCLUDE:

- Mechanical (Heating, Ventilation, Air-Conditioning, and Refrigeration)
- Electrical
- Lighting
- Life Safety
- Plumbing
- Building Envelope and Interior Finish Materials
- Special Processes (e.g. Data Centers)



MARK WALTER, CBCP®, EBCP®
Principal Commissioning Agent
mwalter@ccorpusa.com
714-393-7752



BRIAN MAULEON, PE
Sr. Commissioning Manager
bmauleon@ccorpusa.com
626-241-8114

DESIGN PHASE

- Review Owner's Project Requirements (OPR) document
- Review Basis of Design (BOD)
- Develop initial Commissioning Plan
- Facilitate commissioning focused design reviews
- Determine commissioning requirements for the specifications

CONSTRUCTION PHASE

- Facilitate Commissioning (Construction) kick-off meeting
- Review submittals and track development of drawings
- Facilitate commissioning progress meetings
- Develop Pre-functional Checklists and Functional Performance Tests
- Site observations
- Monitor Start-ups and other Pre-functional tests

ACCEPTANCE PHASE

- Perform Installation Verification
- Review O&M Manuals
- Monitor functional performance testing
- Verify and review training of owner's maintenance staff
- Perform diagnostic monitoring (trend analysis)

POST-OCCUPANCY PHASE

- Develop Commissioning Report
- Develop Systems Manual
- Reconcile post-construction commissioning issues
- Perform seasonal/deferred testing
- Facilitate near warranty-end review



CUMMING

Building Value Through Expertise

ccorpusa.com



Commissioning as mandated by California's Latest Energy Code (Title 24-Part 6) and Green Building Code (Title 24-Part 11, aka "CALGreen").