

# California Commissioning Collaborative

## Recommended

### Commissioning Provider Qualifications

When selecting a Commissioning Provider there are several qualifications that should be taken into consideration including technical knowledge, relevant experience, potential conflict of interest concerns, professional certifications and training, communication and organizational skills, and reference and sample work products.

Please visit our Commissioning Provider Certification page, [www.cacx.org/resources/provider\\_cert.html](http://www.cacx.org/resources/provider_cert.html) to help evaluate the certifications available to commissioning professionals.

#### **New Building Commissioning**

**A Commissioning Provider for new building commissioning should maintain the following qualifications:**

1. Current technical knowledge and extensive recent hands-on field experience regarding:
  - a. Building system commissioning including design review, construction observation, system testing, and post-occupancy evaluations;
  - b. Building system performance and interaction with a focus on the building automation control systems;
  - c. Troubleshooting common installation, maintenance and operational pitfalls for the commissioned systems;
  - d. The building design and construction process
2. Provider for at least two (2) other commissioning projects of a similar nature with excellent references and work products from these projects
3. Good written, verbal, conflict resolution and organizational skills
4. Experience in related fields, such as design, construction, and building operations
5. Contractually, the Commissioning Provider should be able to provide an objective and unbiased point of view. If the Commissioning Provider will be from the owner or the contractor's company, they should not hold other responsibilities related to this project. Unless the owner or construction manager is particularly skilled in commissioning HVAC and electrical installations, the Commissioning Provider should be an independent third party.

Note: Some of these qualifications may be unnecessary depending on the scope of the commissioning project.

#### **Existing Building Commissioning**

1. Current technical knowledge and extensive recent hands-on field experience equal to that of a Professional Engineer regarding:
  - a. Existing Building Commissioning including functional testing, diagnostics, trending, energy calculations, and implementing improvements
  - b. Building system performance and interaction with a focus on building automation control systems
  - c. Troubleshooting common installation, maintenance and operational pitfalls for building systems
2. Commissioning Provider for at least two (2) other commissioning projects of a similar nature
3. Experience in related fields, such as design, construction, and building operations
4. Good written, verbal, and organizational skills
5. Excellent references and work products from similar commissioning projects

**IMPORTANT NOTICE:** These qualifications descriptions are informational guidelines for use in evaluating commissioning providers, and are not intended to serve as standards for, or categories of, commissioning providers. The suitability of a commissioning provider for any given commissioning project will vary with the specific circumstances.