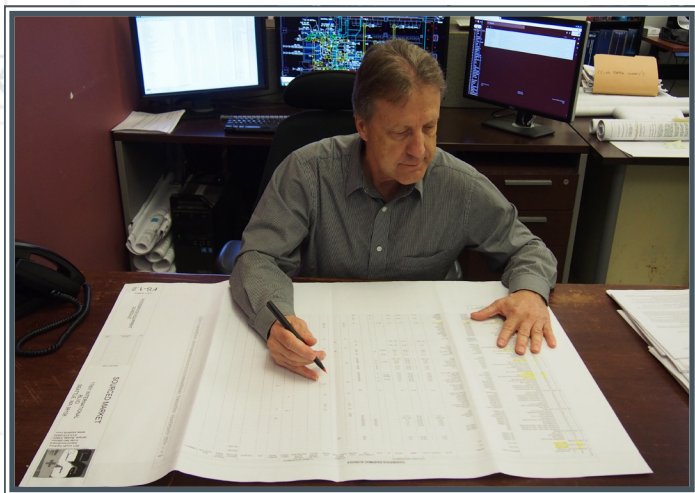


# Building Commissioning Services

*Commissioning provides building owners with 3rd party verification of functionality and assurance of optimal performance for their projects. Hunt Engineering is fully certified through the AABC Commissioning Group (ACG), an ANSI accredited and DOE recognized program, as a commissioning company.*



**Chris Hillman**, Commissioning Authority, leads this segment of our office. Chris Hillman has 35+ years of experience as a contractor, designer, and project manager.

Our clients can be confident when they include us in their project teams for 3rd party verification. Hunt Engineering has the working knowledge and integrity to support the multiple facets of the projects mechanical and electrical systems. This support includes functional testing, as well as following through after building completion to ensure the building owner is properly trained and that project documentation is in good order, thus usable for building operators for many years to come.

Hunt Engineering believes strongly in the team approach throughout both the design and construction phases of building.

## Timing:

It is important to start the commissioning process early in the pre-design phase. This allows the Owner Project Requirements (OPR) to be identified. The OPR document is used in development of the Basis of Design (BOD) and both documents heavily influence the Commissioning Plan and Operations and Maintenance System Manual. The commissioning agent has an overall viewpoint of the building systems and how they all fit together in the completed building. The commissioning agent has an objective perspective on the project that can

have a positive influence on the design and construction of the project and should be included from the beginning of the project. If the commissioning agent is involved sooner they will have a much greater impact than if they are only involved at the end of the project.

## Phases of Commissioning Include:

- Design
- Construction
- Acceptance
- Post Acceptance

## Owners Means of Verification:

Commissioning should be viewed as the owner's means of verifying that the planning, design, construction and operation processes are achieving their goals, and ensures the delivery of a high quality building.

## Types of Commissioning:

Commissioning is applicable to various facilities: New Construction; Existing buildings never commissioned (Retro-Commissioning); and Re-commissioning (often about every 5 years) to verify the building is operating at the previously measured benchmarks.

