

Commissioning Services

Ensuring systems performance—for everyone's benefit



Studies show that, over similar life spans, commissioned buildings cost between eight and 20 percent less to operate than non-commissioned buildings. During the first five years of a building's occupancy, owners can realize as much as four dollars in operational-cost savings for every dollar they invest in commissioning services.

Regular systems evaluations ensure optimal performance

Part of DCC's Construction Services line, commissioning services can include a full range of commissioning activities in all phases of a building's life-cycle. When so engaged, our commissioning teams measure, verify and document a building's conformance with architectural, structural, electrical and mechanical performance standards. Our commissioning professionals are experienced in all aspects of design, construction, operation and maintenance.

A multi-phased approach

Whether DCC's teams conduct commissioning activities themselves or oversee independent agents' work, our professionals ensure that the commissioning process is adhered to at five key phases of a building's life-cycle.

- **The functional-program phase**—DCC teams ensure that the pre-construction team develops a preliminary commissioning strategy as part of the overall project management plan.
- **The design phase**—DCC finalizes the commissioning plan and accompanying specifications.
- **The construction phase**—Working with the designers and the contractor, DCC may modify the commissioning plan to accommodate changes to the building's systems and equipment.
- **The acceptance phase**—In collaboration with the designers and the contractor, commissioning professionals conduct rigorous tests to ensure the building's performance meets the goals defined in the original commissioning plan.
- **Post-occupancy**—Working with local clients, DCC's teams conduct regular testing to ensure a building's systems perform optimally, particularly as seasons change.





Everyone benefits from commissioning

Building owners, operators and occupants all benefit directly from commissioning services. Here's how.

Owners benefit from:

- fewer change orders,
- optimized construction costs,
- fewer construction delays, and
- reduced property operating costs.

Operators realize:

- properly operating systems,
- fewer complaints from occupants,
- comprehensive systems training, and
- well documented operations and maintenance manuals.

Occupants experience:

- cleaner indoor air,
- increased productivity,
- more confidence in building operators, and
- a more comfortable working environment.

DCC's services cover all the bases

Defence Construction Canada is a Crown corporation whose mandate is to provide innovative and cost-effective contracting, construction management and infrastructure-related services for the Department of National Defence, the Canadian Forces and the defence of Canada.

DCC employs more than 800 professionals—among them engineers, engineering technicians and technologists, environmental engineers and technologists, experienced tradespeople and other professionals—and maintains offices at all of the Canadian Forces' bases, wings and area support units.

DCC also has expertise in the following service lines:

- Construction Services
- Contract Services
- Environmental Services
- Project & Program Management Services
- Real Property Management Services

Contact us

To learn more about DCC's services, visit www.dcc-cdc.gc.ca, call 1-800-514-3555 or e-mail info@dcc-cdc.gc.ca.