



Site Statistics:

Gross Floor Area:
104,000 s.f.

Construction Cost:
\$46M

LEED Gold Certified

**CFMS Helps Centennial College
Become LEED Certified to a Gold Level:**

The project consisted of the library and academic building which included the following distinguished features: an atrium, living wall, grey water system, retrofitted boiler and chilled water plants and radiant floor heating .

The CFMS Difference:

- **Expansive Expertise...**With the inclusion of several unconventional features came a number of auxiliary systems that needed to be safeguarded. For instance, the CFMS team ensured that the smoke exhaust system that was set-up to manage the needs of the atrium was functioning at the optimal level as per the design intent and that this life safety system was properly in place. Additionally, CFMS was able to effectively manage the sensitive relationship between the living wall, which provided humidity for the building, and the air handling units, verifying their functionality and maintaining the highest standards for the building.
- **Senior Tenured Staff....**Considerations surrounding the chiller and boiler plant required the staff to verify the need for an expanded plant design while considering upgrades so that the sequence changes could be addressed. With CFMS's staff experience and knowledge, effective input recommendations were made that lead to improvements that will be providing returns for years to come.
- **Relationship Management ...**CFMS conducted installation reviews, testing of systems and coordinated all training while managing all associated parties, bringing together a harmonious outcome.
- **No Random Checks...** over 100 VAV boxes were checked to ensure functionality

The Centennial College Library and Academic Learning Centre is the entrance to the Progress Campus in Scarborough. It is a four storey building that combines offices, a library and classrooms around an atrium with a living wall.

CFMS provided the following services:

- ⇒ Verification of BAS and integrated DDC Systems
- ⇒ Performance testing of HVAC systems
- ⇒ Mechanical and electrical systems training
- ⇒ Systems RE-Commissioning Manual
- ⇒ Seasonal performance testing of HVAC systems

About CFMS CFMS is proud to be the first and leading independent commissioning company in Canada with offices located across Canada and in the Middle East. For over 20 years CFMS's tenured staff have been partnering with building owners, architects, designers and construction teams to achieve superior quality control. CFMS services include Total Building Commissioning, LEED Commissioning, Re-commissioning and Facilities Management. The company has completed commissioning projects for some of the largest public and private institutions including Pearson International Airport, CAMH, Bank of Nova Scotia and Sunnybrook Hospital. With CFMS you are guaranteed to receive 100% authentic reporting, strategic expertise and guidance to reach your desired project goals.

Your Partner for Quality Control!