

## The Building Commissioning Process - So Much More Than a Credit

### An expert system resulting in quality buildings with manifold benefits

Green Star SA applicable credits: MAN-4 Independent Commissioning Agent, MAN-2 and MAN-3 (Design and/or As Built)

LEED applicable credits: EAp1 Fundamental Commissioning and EAc3 Enhanced Commissioning

Building Commissioning Process services independent of Green Building Certification

The Building Commissioning (Cx) Process emphasises integrated quality. It ensures a higher level of building performance that will endure over time. It is extremely effective because it is an unbiased, third-party approach that takes into account the fact that all building systems are interrelated in operation. It harnesses a process in which a flow of tasks reinforces and supports the action completed previously, creating synergy and efficiency.

### What are the benefits of commissioning?



#### Better Building Quality

With many quality checks and verifications throughout the building process, commissioned buildings are more reliable and functional from the onset.



#### Financial & Environmental Savings

The operating costs of the building can be significantly reduced through energy and water savings and reduced maintenance requirements.



#### System Performance Verification

Extensive checks throughout the construction phase of both installation quality and system performance ensure improved building system performance.



#### Reduced Contractor Call-backs

More thorough testing and verification while construction is taking place results in a reduced snag list and far fewer contractor call-backs.



#### Increased Lifespan of Equipment

By detecting and rectifying potential deficiencies in components, equipment will run more efficiently and have a far longer lifespan.



#### Enhanced Property Value

With all of the additional benefits that commissioning offers, the building property itself has a faster appreciation and higher value.



#### Increased Occupant Productivity

Aspects such as temperature and indoor air quality are identified to improve occupant productivity and comfort when refined through the commissioning process.



#### Better Building Documentation

Ongoing operation and maintenance of the building is simpler and more efficient due to thoroughness and the accuracy of building documentation.

### Who benefits from commissioning?



#### THE PROJECT MANAGER

Allows for the manager to focus on other important areas



#### THE ENGINEER & DESIGN TEAM

More refined project designs and outcomes on current and future projects



#### THE CONSTRUCTION TEAM

Resolve most potential building issues in, or even before, construction phase



#### THE BUILDING OPERATORS

Maintain and operate systems to the optimal design intent



#### THE OWNER

Assurance that building is operating at peak performance with increased ROI

## Some of our projects

### UNILEVER KHANYISA

LEED Commissioning



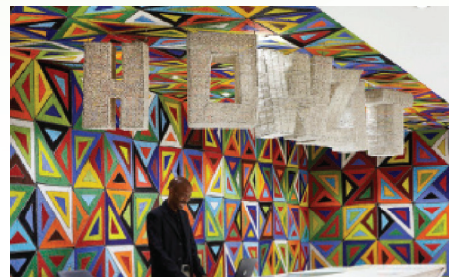
### GATEWAY WEST

LEED Commissioning



### GOOGLE JOZI HEAD OFFICE

Green Star SA Independent Commissioning Authority & LEED Commissioning



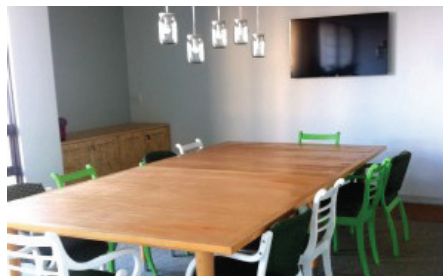
### HOTEL VERDE

LEED Commissioning



### SOLID GREEN OFFICE

Green Star SA Independent Commissioning Authority & LEED Commissioning



---

## Why Choose Ecolution Consulting as your Independent Commissioning Agent?

---

**Commissioning is our game!** Being quality-driven, the Commissioning Process is most optimal when it is carried out by a highly competent and effective team. Here at Ecolution, we have developed a successful Commissioning toolkit that offers a unique blend of both the ASHRAE and CIBSE standards. Our toolkit has been tried and tested throughout our various projects. We are passionate and detail-driven, always willing to go the extra mile for our projects and clients. Our solutions not only focus on sustainability, but the holistic benefits it provides; from financial profitability to operational efficiency.

WE'RE HERE TO HELP! CONTACT US TO DISCUSS HOW WE CAN GUIDE  
YOU THROUGH THE BUILDING COMMISSIONING PROCESS.

+27 21 012 5225 | [hello@ecolution.co.za](mailto:hello@ecolution.co.za) | [www.ecolution.co.za](http://www.ecolution.co.za)