

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

### Independent Commissioning Agents for Green Star SA and LEED Projects or as a Stand Alone Service

Green Star SA applicable credits: Man-4 Independent Commissioning Agent, Man-2 and Man-3

LEED applicable credits: EAp1 Fundamental Commissioning and EAc3 Enhanced Commissioning

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

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 and integrated in operation**. It harnesses a process in which a flow of tasks reinforces and supports the action completed previously, creating synergy and efficiency.

Some benefits include:



#### Better Building Quality

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



#### 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 deteriorate far slower.



#### Enhanced Property Value

With all of the additional benefits that commissioning offers, the building property itself has a slower depreciation 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.

#### 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.

#### Who Benefits from the process?

##### 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 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:

Click on the links below to view some of our projects

##### GOOGLE JOZI HEAD OFFICE

Green Star SA Cx & LEED Cx

##### HOTEL VERDE

Primary sustainability consultants & LEED Cx

##### SOLID GREEN OFFICE

Green Star SA & LEED Cx