

The Building Commissioning Process - So Much More Than a Credit

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 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.

Who Benefits?

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 ICA & LEED Cx

HOTEL VERDE

Primary sustainability consultants & LEED Cx

SOLID GREEN OFFICE

Green Star SA ICA & LEED Cx

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.