

RECOMMISSIONING THE BUILT ENVIRONMENT

BUSINESS PROFILE

Viscon Systems is run by John Penny, QCxP, a qualified commissioning process consultant.

As a commissioning consultant, we collaborate with owners and their facility management team in a practical, cross functional and innovative approach to existing buildings.

RECOMMISSIONING PROCESS

This is used by owners and other facility decision makers to optimise the operation of buildings and systems. The process plans facility operation programs and compares existing conditions and operations to those requirements.

An assessment allows the owner to determine if any of the existing conditions require or warrant further investigation. The assessment is also used to identify the causes of existing problems and shortfalls in achieving the requirements of the facility and to determine methods for resolving those problems.

The process provides a logical decision-making approach to evaluate, compare, prioritize, and implement recommendations for making facilities operate as efficiently and effectively as is economically feasible given the owner's specific requirements and resources.

WHY RECOMMISSION?

Owners will often cite the following reasons:

- New technical requirement – reducing energy and improving indoor air quality
- Latent defects, high operating costs
- Changes in use – occupancy, equipment, function

INDOOR AIR QUALITY - FIVE STEP PLAN

Recommendations to transition a building to reducing energy and carbon emissions, while providing a healthier indoor environment for occupants may include:

- commission building systems
- maximise outdoor air
- upgrade and maintain air filtration
- supplement with portable air purification
- revamp indoor air quality monitoring to manage improvements