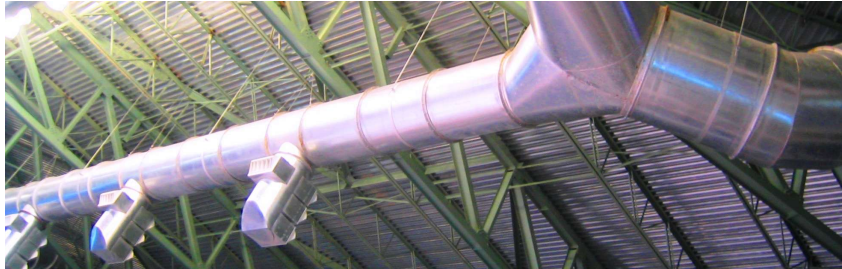


# Mechanical HVAC



### Retro-Commissioning

The process of ensuring that the HVAC systems are operating in accordance with the original design concept is referred to as Retro-Commissioning. Over the past 20 years, controls systems have grown progressively complex and now require more calibration and maintenance than before.

This diagnostic process should be used to train current maintenance staff on the operation of the system and should be performed periodically to extend the useful life of the equipment.

The payback for retro-commissioning has been shown to be as quick as 2 years, depending on the building size and complexity of systems.

One of the central functions of our buildings is to provide a safe and comfortable environment. Mechanical heating, ventilating, and air conditioning (HVAC) systems are central to this effort. When not operating properly, HVAC systems can be a detriment to occupant comfort, cost of operation, and to other building components.

Common indicators of mechanical HVAC system problems include occupant complaints, elevated humidity levels, visible mold, and increasing energy consumption.

- Condition and Performance Evaluation
- Equipment Life Cycle Analysis
- Professional Engineering Design
- Program and Manage Renovation Efforts
- Retro-Commissioning

Our integrated, whole building approach sets us apart and maximizes our benefit to your project. Apollo BBC is expert in evaluating the current performance of diverse HVAC systems and their integration with the other building systems.

Our focus is to join your team, understand your needs, and make a difference - not just produce a stack of papers. We pride ourselves on our ability to communicate our findings and assist with any repair.



[www.apollobbc.com](http://www.apollobbc.com)