



Sustainable Solutions for
Efficient Environments

GENERAL COMMISSIONING FOR SCHOOLS

ENERGY AUDITING / IMPROVE OPERATIONS
QUALITY ASSURANCE & VERIFICATION / DETECT ISSUES
CODE COMPLIANCE / CERTIFIED REPORTING

IMPROVE EFFICIENCY

ENHANCE AIR QUALITY

CALL US FOR
MORE DETAILS:
518.450.7292

WHY MTI?

- / A trusted provider of services with over 50 years experience
- / Paperless reporting software will allow us to provide updates throughout the project when needed
- / Members of AABC Commissioning Group (ACG), ASHRAE, AABC, NEBB, ECA and NESCA

WHAT IS COMMISSIONING?

A quality-focused process for enhancing the delivery of a project. The process focuses upon verifying and documenting that all of the commissioned systems and assemblies are planned, designed, installed, tested, operated, and maintained to meet the owner's project requirements.

WHAT IS RETRO COMMISSIONING?

A process to improve the efficiency of an existing building's equipment and systems. It can often resolve problems that occurred during design or construction, or address problems that have developed throughout the building's life as equipment has aged, or as building usage has changed (Sick Building Syndrome).

What is Sick Building Syndrome? A condition affecting building occupants, typically marked by headaches and respiratory problems, attributed to unhealthy or stressful factors in the building environment such as poor ventilation.

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COMMISSIONING DOESN'T CREATE
PROBLEMS – IT FINDS THEM”

MECHANICAL TESTING, INC.

A NEW YORK STATE AND FEDERALLY CERTIFIED WBE COMPANY

PROS OF USING COMMISSIONING:

- / INDEPENDENT THIRD PARTY working directly for YOU (OWNER) in the delivery of a project that provides an efficient, safe and healthy facility
- / OPTIMIZES energy use; REDUCES operating costs
- / IMPROVED WORKPLACE PERFORMANCE due to higher quality environments
- / PREVENTION of business losses
- / Ensures adequate O&M staff orientation and training
- / Improves installed building systems documentation
- / Code compliance
- / NO IMPACT on construction schedule

PITFALLS OF NOT USING COMMISSIONING:

- / SICK BUILDING SYNDROME
- / HIGHER ENERGY COSTS – Commissioning will pay for itself in the long run. For example, in mission critical facilities, the cost of not commissioning can be measured by the cost of downtime and lack of appropriate facility use
- / Improper control of systems and units
- / IMPROPER installation of systems and units
- / IMPROPER maintenance and operation of the systems by staff
- / LOST TIME & ADDITIONAL OPERATING COSTS when issues are identified when systems are into full operation and buildings are occupied

