





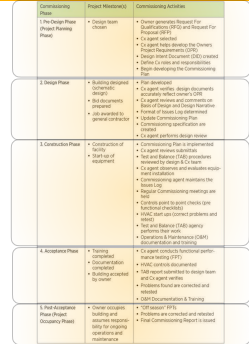
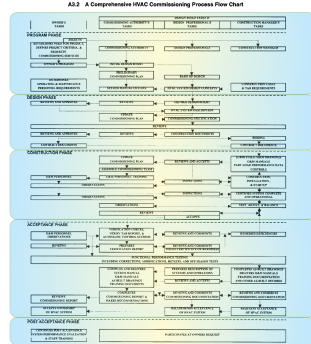
COMMISSIONING PROCESS TERMS

☒ **Acceptance:** Acceptance is an event, an official achievement, declared by whatever authority is responsible. It states that a phase, system, control, or piece of equipment meets or exceeds its requirements. Usually the event of Acceptance is required before the next phase of the project can begin. The person or authority who can declare Acceptance may or not be stated in contract specifications.

☒ **Approval:** Acceptance for an individual piece of equipment or entire system. This term is often interchangeable with Acceptance.

☒ **Verification:** A process, not an event, during which it is established that documentation or pieces of equipment, system components, assemblies, entire systems, and system interfaces meet or exceed the demands stated in the Owner's Project Requirements (OPR)

EXCERPT FROM ASHRAE GUIDELINE 1





CHARACTERISTICS OF A COMMISSIONED BUILDING

A **Commissioned Building**:

- ✓ Achieves performance goals
- ✓ Minimizes Energy Consumption
- ✓ Minimizes Environmental Impacts
- ✓ Maximizes Occupant Health & Comfort
- ✓ Optimizes Life-Cycle Costs

“WHY COMMISSIONING(CXA) IS SO **CRITICAL**?.”

- Buildings are very complex system
 - ✓ Especially “high performance” buildings
 - ✓ Innovative systems need more support to reduce technical risks
- Without Cx OR Commissioning:
 - ✓ Building systems not working properly
 - ✓ Projected savings not achieved
 - ✓ Indoor Environment not adequate
- “High Performance” not **really** “High”

