

Title: Method of Test for Control Programming Conformance with HVAC Sequences of Operation

Purpose: This standard specifies a Method of Test to verify that control programming logic conforms with the functional intent of standardized HVAC control sequences.

Scope:

1. This standard applies to the programming of building automation system controllers intended to implement standardized control sequences such as are included in ASHRAE Guideline 36.
2. This standard defines a series of test scripts detailing test conditions for applicable control points to be evaluated against expected responses, with pass/fail criteria for each test.
3. This standard defines a bench-scale procedure and software tool requirements that test control programming hosted on physical controllers through BACnet network communication protocols with no physical sensors or devices involved.
4. This standard does not apply to programming for which test scripts have not yet been specifically included in this standard.