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## DOCKET

10-BSTD-01

DATE MAR 13 2012

RECD. MAR 14 2012

Re: Docket # 10-BSTD-01

**Response to California Commissioning Collaborative Comments Submitted on March 7, 2012  
Submitted by Erik S Emblem, Executive Administrator  
Joint Committee on Energy and Environmental Policy**

On March 7, 2012 the California Commissioning Collaborative submitted written comments on our proposal to require certification of all contractors/technicians who perform and document T 24 required HVAC Acceptance Tests. We wish to respond to the following statement made in that communication by Ms. Potter:

“TAB technicians are well-qualified to perform the mechanical acceptance tests that closely correspond to the typical scope of TAB services. *However, some of the acceptance tests include procedures that are outside the typical scope of TAB services. For example, some mechanical system acceptance tests require override and manipulation of the HVAC controls, usually from the building automation system.* ...”

The California state approved apprentice-training standards for testing, adjusting, and balancing (TAB) requires all indentured apprentices to complete 1,080 hours of classroom and laboratory training. The control training includes safety, theory and sequence of operation of all direct digital and pneumatic control systems. The classroom/lab training must be accompanied by a minimum of 750 hours of field training on actual systems in operation. The classroom and field instruction includes direction on how to override control systems and perform necessary testing and adjusting of building environmental systems including HVAC.

To state that the mechanical tests that require manipulation and override of building automation systems is outside the typical scope of TAB services is “not correct”.



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