

**The Jordan Institute and AIANH  
Announce ...**

**Commissioning for High Performance/LEED Buildings  
A Workshop with Bill Root, PE**

**June 25, 2009  
8:00 am – 12:00 pm  
Audubon Center, Concord, NH**

**Commissioning (Cx)** assists in the delivery of a project that provides a safe and healthful facility; optimizes energy use; reduces operating costs; ensures adequate O&M staff orientation and training; and improves installed building systems documentation.

**This morning session**, directed at Owners, Architect, Engineers and Facility Managers, provides the participants with an overview of the Commissioning Process, as defined in ASHRAE Guideline 0-2005 titled "The Commissioning Process".

**Participants will be introduced to the overall Commissioning process and in-depth details of the following specific topics:**

- RFP for Commissioning Services and how to select a Commissioning Authority
- Who makes up the Cx TEAM, their roles and responsibilities
- Cx in Pre-Design
- Cx during Design
- Cx in Construction
- Cx in Occupancy and Operations
- Retro-Cx
- LEED Cx requirements and additional Credits.
- NH CHPS program Cx requirements
- Overview of ASHRAE Guideline 1.1-2007 "HVAC&R Technical Requirements for the Commissioning Process"
- Overview of NIBS Guideline 3-2006 "Exterior Enclosure Technical Requirements for the Commissioning Process"
- Commissioning Organizations, certifications and support organizations and support documents
- Cx cost, benefits, advantages and how to market this activity for betterment of the owner and all those involved in the construction process
- Examples of documents including OPR, BOD, Cx Plan, Checklists, Functional Tests, Systems Manuals and Issues Logs will be presented. Cx MATRIX will be introduced
- Emphasis on communications and team building for a successful High Performance project will present itself throughout.

**\$95 includes continental breakfast, 3.5 AIA HSW/SD CEUS.**

**Location: McLane Center, Audubon Society, 3 Silk Farm Rd., Concord, NH  
603-224-9909**

**To Register:** <http://guest.cvent.com/i.aspx?4W,M3,a14eed6b-9e60-4aa5-b8d9-c3b2b46e076a>

Minimum enrollment: (18) must be registered by June 17