

Commissioning For Building Owners and Facility Managers

**December 14, 2009 1pm to 3:30pm in the State Office Building Auditorium
(North Building at the Utah State Capitol Complex)**

Commissioning has been touted as one of the most cost-effective expenses in the building process. How do you ensure you are getting what you pay for when you hire a commissioning agent? What are the different ways a commissioning agent can help you save money during design, construction, and operation? How do you maximize your services dollar for dollar? The State of Utah Division of Facility and Construction Management is hosting a workshop to help Building Owners and Facility Managers get the most from their commissioning consultants for new and existing facilities.

Topics covered include the following:

- **Hiring Commissioning Agents, and tips for developing their scope of services and conducting a successful selection process**
- **The benefits of a robust commissioning process**
- **The benefits of retro-commissioning existing buildings**
- **Tools for owners using performance contracts to validate savings**
- **USGBC LEED, the intent, and what is useful to facilities owners**
- **How to set up and use a measurement and validation plan**
- **Building envelope testing, theoretical and practical discussions**

People that should attend this workshop are facility managers, building owners, groups or individuals who own or operate buildings, and/or those who manage design, construction services or facility management services.

The main presentation will be given by **Colin Moar**, Commissioning Director for Northwest Facilities Services Heery International, Inc. He will be accompanied by **Dennis Lawler**, Regional Director for Heery International. A discussion/Q&A will be moderated by Matthias Mueller, Project Manager for the State of Utah Division of Facility and Construction Management.

Colin brings 20 years of Building Services commissioning experience in the construction industry, and 10 years prior commissioning experience with the Royal Navy operating and maintaining mechanical & electrical equipment and systems. Colin started commissioning buildings in the UK in 1989 and has worked for Heery International, Inc. since 1995 in both Europe and United States, and is now a permanent resident in Portland, Oregon. He has been instrumental in creating Heery's Regional Commissioning and Facilities Services group in the Pacific Northwest since 2002, and is now the Commissioning Director. Colin is an experienced Commissioning and Building Services manager known for his comprehensive approach and solving project

commissioning issues. Colin represents Heery on many professional trade associations and committees, and is often found on the speaker's podium at many industry conferences. **Education:** Britannia Royal Naval College, Dartmouth, England; Executive and Engineering Officers Course; Lieutenant RN (Retired) **Certifications:** Associate Member of Chartered Institute of Building Services Engineers (equivalent to PE); CSA Grade 6 - Commissioning Specialists Association; (UK equivalent to BCA); Building Regulations Environmental Assessment Method (UK Pre – LEED); City & Guilds in Marine Electro Technology **Affiliations:** Committee Member of DOE Department of Energy Data Center Certified Energy practitioner; Committee Member of American Society Health Engineers, Oregon Chapter; Member of Institute of Facilities Managers Association; Member of Institute of Industrial Managers; Local Chapter Member of Columbia Region Health Engineers

Dennis has 14 years of experience consulting with facility owners to develop solutions to their mechanical, controls, energy efficiency, O&M, and facility needs. As a former salesman of Energy Savings Performance Contracts for a Fortune 500 company, he now brings a wealth of information to state agencies who are considering using this form of contracting approach. Now as a “poacher turned gamekeeper”, he has a keen understanding of the strategies necessary to make any ESPC a viable and valuable option for state agencies to consider. Dennis has spent a good deal of his career working with public agencies, higher education clients, and school districts. **Education:** Master's in Communications from the University of Southern California, and a Master's of Business Administration from Concordia University.

This presentation is for educational purposes only and will be recorded and posted on the web as a resource. Continuing Education Credits are available to participants. Additional info contact chamlarsen@utah.gov RSVP to Charlotte Salevurakis csalevur@utah.gov 801-538-2368.