

Programs for the San Francisco Meeting (January, 1998):

Seminar 26

Tuesday, January 20, 8:00-10:00 AM

Building Commissioning Guidelines and Practices

Sponsor: TC 09.09 Building Commissioning

Chair: Wayne Dunn, P.E., Member, Bosek Gibson & Associates, Jacksonville, Florida

APC Liaison: Larry Degelman, P.E., Texas A&M University

Achieving and defining building performance is subject to significant interpretation. Building commissioning outlines a process through which performance is verified. Commissioning itself as a process, therefore, has a number of definitions. This seminar offers insight into applying commissioning and profiles several significant building commissioning guidelines. Also featured is a presentation of the impact of total building commissioning.

1. ASHRAE Guideline 1-1996: What's In It? How Do I Use It?

Gerald Kettler, P.E., Member, Air Engineering and Testing Inc., Dallas, TX

2. GSA Building Commissioning Guide

Naresh Khosla, Member, Enviro-Management and Research, Springfield, VA

3. Development and Implementation of a Commissioning Guidelines for a Utility ESCO

Christie R. Kjellman, Member, Edison ENVEST, Irwindale, CA

4. Model Commission Plan and Guide Specifications

Karl R. Stum, P.E., Member, Portland Energy Conservation, Portland, OR

5. Public Works and Government Services Canada Commissioning Guidelines

Randy Beauchamp, Public Works and Government Services Canada, Edmonton, Alberta, Canada

6. The Impact of Total Building Commissioning

Carl N. Lawson, Member, Wren-Janus Engineering, Chantilly, VA

Seminar 40

Wednesday, January 21, 8-10 AM

The Hot Zone: Commissioning in Laboratories that Handle Hazardous Materials

Sponsor: TC 09.10 Laboratory Systems; TC 9.09 Building Commissioning

Chair: Kathy Radke, Member, Honewell Technology Center, Plymouth, MN

APC Liaison: Robert Suggs, P.E., R M Suggs Company

This seminar addresses the special needs and consideration for the commissioning of HVAC systems in laboratories that handle biological or chemical hazardous materials. Special equipment is required to store and use these materials within these facilities. Laboratory designers, builders, owners and commissioning agents must understand the importance of using applicable guidelines and standards for performing commissioning of laboratory systems.

1. Biological Safety Cabinets: What's the Risk?

David M. Lupo, B&V Testing, Inc., Waltham, MA

2. Performance Testing of Hoods for Use with High Level Hazards

Dale T. Hitchings, P.E., Member, Hitchings Associates, P.C., Indianapolis, IN

3. Air Changes Per Hour in Laboratory Ventilation Design

Gerhard Knutson, Ph.D., Member, Knutson Ventilation Consulting, Inc., Edina, MN

4. Commissioning Laboratory Control Systems

Wade Smith, Honeywell, Inc., Minneapolis, IN

5. Comparison of Through the Wall VAV Position Sensors Versus Sash Position Sensors

Thomas C. Smith, Member, Exposure Control Technologies, Inc., Cary, NC