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ABOUT DBR

DBR provides an alternative to traditional MEP consulting firms by providing better opportunities for our people and as a result, better expertise for our clients.

Today's laboratories and research facilities balance creativity, technology, and operations to deliver positive outcomes and solutions of tomorrow.

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LABORATORY DESIGN & ENERGY CONSERVATION

DESCRIPTION

An introduction and survey of major energy users in laboratory infrastructure design and common sense ways to ensure a safe lab environment while minimizing energy costs. Topics covered are: Basic Types of Laboratory Space; Largest Energy Usage in Laboratory Space; Safety Concerns for a Safe Laboratory Environment; Governing Codes and Standards for Laboratory Space Design; and a General Design Approach for Energy Efficient Laboratory Space.

LEARNING OBJECTIVES

- Identify basic types of lab spaces.
- Understand the largest energy users in lab spaces.
- Understand the basic code and standard drivers for lab ventilation.
- Identify basic approaches to conserving energy in laboratory spaces.

LEARNING UNITS

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