National Institute of BUILDING SCIENCES

An Authoritative Source of Innovative Solutions for the Built Environment
Congress directed NIBS to “exercise its functions and responsibilities in four general areas…………”

- **Develop and maintain** performance criteria for maintenance of life, safety, health, and public welfare for the built environment
- **Evaluate and prequalify** building technology and products
- **Conduct** related and needed investigations
- **Assemble, store, and disseminate** technical data and related information
National Institute of BUILDING SCIENCES

www.nibs.org

2008 Annual Report

An Authoritative Source of Innovative Solutions for the Built Environment
The National Institute of Building Sciences is a non-profit, non-governmental organization that successfully brings together representatives of government, the professions, industry, labor and consumer interests, and regulatory agencies to focus on the identification and resolution of problems and potential problems that hamper the construction of safe, affordable structures for housing, commerce and industry throughout the United States. Authorized by the U.S. Congress, the Institute provides innovative solutions.
Governance

• Represents all facets of the building, design and construction industry
• 21 Member Board of Directors
  • 15 Elected Officials
  • 6 Presidential Appointees
• Annual Report to the President of the United States
  • Recommendations
Councils and Committees

- Board of Directors
- Consultative Council
- Building Enclosure Technology and Environmental Council
- Building Seismic Safety Council
- Multihazard Mitigation Council
- buildingSMART™ Alliance
- National Clearinghouse for Educational Facilities
- Whole Building Design Guide Advisory Committee
- Facility Maintenance and Operations Committee
- National Mechanical Insulation Committee
- Government to Business Committee (G2B)
- High Performance Building Council
Transforming the Building Chain Supply Through Open and Interoperable Information Exchanges
Exterior Enclosure Commissioning

This Guideline is for Use with ASHRAE Guideline 0-2005:
The Commissioning Process

NIBS Guideline 3-2006

Exterior Enclosure
Technical Requirements
For the Commissioning Process

This Guideline is for Use with
ASHRAE Guideline 0-2005:
The Commissioning Process
High Performance Building Council

Assessment to the US Congress and
U.S. Department of Energy on
HIGH PERFORMANCE BUILDINGS

High-Performance Buildings Caucus
United States Congress

PURPOSE:
The High-Performance Buildings Caucus of the U.S. Congress is formed to heighten awareness and inform policy makers about the major impact buildings have on our health, safety and welfare and the opportunities to design, construct and operate high-performance buildings that reflect our concerns for these impacts. Fundamentals to these concerns include protecting life and property, developing new building technologies, facilitating and enhancing U.S. economic competitiveness, increasing energy efficiency in the built environment, ensuring buildings have minimal climate change impacts and are able to respond to changes in the environment, and supporting the development of private sector standards, codes and guidelines that address these concerns.

From the materials produced to construct buildings and the energy used to operate them, buildings consume vast amounts of resources and are responsible for nearly half of all greenhouse gas emissions. High-performance buildings, which address human, environmental, economic and social sustainability, result from the application of the highest level of design, construction, operation and maintenance principles—a paradigm change for the built environment.

The Caucus will provide the best present and future protections and benefits to our citizens, various and natural environment. These include deployment of the latest advanced technologies and sustainable practices. Further, the policies will help support the development of private sector standards, codes and guidelines that will present and improve the quality and utility of our built environment in harmony with the natural environment.

The High-Performance Buildings Caucus will promote and showcase best practices in building design and focus on issues reflecting all aspects of high-performance buildings including:

1. Sustainability
2. Energy
3. Efficiency
4. Cost-Effectiveness
5. Function and Operation
6. Climate Protection
7. Productivity
8. Safety and Security
Thank You

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