



BUILDING ENVELOPE COMMISSIONING SERVICES

Hood Patterson & Dewar provides full-service building envelope commissioning (BECx) from pre-design through operations. Our team works closely with the client throughout the project's entire life cycle. During this quality-based process, we evaluate the building envelope's performance to determine if it meets the owner's objectives, standards, and requirements.

PRE-DESIGN

- Assist owner with the Owner's Project Requirements (OPR Development) and Basis of Design (BOD)
- Assist owner with identifying performance-based specifications
 - » These specifications require the building envelope to meet minimum air and water tightness standards
- Develop the Building Envelope Commissioning Plan

DESIGN

- Review design drawings and system shop drawings for compliance with the OPR and specifications
- Review the details between systems and design to ensure moisture tightness at critical transitions
- Oversee all required mock-up tests (both factory and field)
- Ensure structural capacity and envelope integrity of heavily loaded areas such as battery rooms and roof-mounted generators

CONSTRUCTION

- Perform ongoing inspections during construction
- Schedule and perform all field tests
 - » Ensure all tests have appropriate results
 - » Oversee all necessary repair work
 - » Retest as required

OCCUPATION & OPERATIONS

- Provide a building turnover report, which consists of a record of all testing, overall building analysis and performance summary, a record of completed product testing, and a list of any field modifications that occurred during installation
- Create the Operation and Maintenance (O&M) Manual, including product warranty information, maintenance requirements, and repair procedures for the building products

For more information, please contact buildingenvelope@pdengineers.com



OUR LOCATIONS

Georgia (Corporate)

850 Center Way
Norcross, GA 30071
(770) 453-1410

Arizona

1525 North Hayden Rd.
Suite 100
Scottsdale, AZ 85257

Tennessee

1531 Hunt Club Blvd.
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(615) 527-7084

Texas

15924 Midway Rd.
Addison, TX 75001
(214) 461-0760

Virginia

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