



# BUILDING TESTING

## Better Buildings for a Better World

Entegrity is a sustainability and energy services company specializing in the implementation of energy conservation and renewable energy projects. We are uniquely qualified to deliver innovative and sustainable solutions to optimize building performance.

### ENVELOPE AIR LEAKAGE TESTING

Entegrity can assist your design team in implementing an air barrier system that will enhance the performance of your building and the comfort of its occupants. Through the use of large building fan pressurization testing, our experts are able to identify areas of air infiltration/ex-filtration through the enclosure and to provide normalized air-leakage rates. The testing equipment, methodology, and personnel qualifications meet the requirements of the new USACE Air Leakage Test Protocol. In addition, our procedures for testing building air tightness are in accordance with ASTM E (2002) and ASTM E 779 (2003).

Since building air leakage most commonly occurs at material/assembly joints, transitions and interfaces, air leakage testing can easily identify areas of envelope construction that can be improved to minimize the negative effects of air infiltration or exfiltration. These negative effects include reduced energy performance, humidity and moisture issues and poor indoor air quality. Entegrity's building air leakage testing service will assist projects teams with implementing a building envelope that will optimize building performance and improve occupant comfort.

### INDOOR AIR QUALITY TESTING

Entegrity provides comprehensive indoor environmental quality plans in order to help sustain the comfort and well-being of workers and their environment. Our comprehensive approach reduces occupants' exposure to harmful chemicals, increases the ventilation effectiveness, and reduces contamination from construction/renovation activities.

### QUICK FACTS

42

We've completed projects in 42 states and the Cayman Islands.

100

We have 100 employees in locations throughout the U.S.

8

We're headquartered in Little Rock, AR and have eight offices located across the country.

# BUILDING TESTING

Entegrity provides comprehensive indoor air quality (IAQ) services for new and existing buildings to ensure indoor air quality requirements are met during construction and during building operation. Our comprehensive approach:

- Reduces building occupants' exposure to harmful contaminants and/or chemicals
- Increases the ventilation system effectiveness
- Reduces contamination from construction/renovation activities

Entegrity's IAQ Testing services are performed in accordance with the EPA Compendium of Methods for the Determination of Air Pollutants in Indoor Air and in accordance with LEED requirements for IAQ Credits. IAQ testing can determine the amount of various contaminants that cause indoor air quality problems such as mold, CO<sub>2</sub>, moisture, VOCs and particulates. IAQ testing can help project teams identify performance issues associated with the building envelope and/or the HVAC system.

## IR THERMOGRAPHY

Entegrity's Infrared (IR) Thermography surveying services can be used to diagnose areas of building envelope leakage (air & water), thermal bridging and/or missing insulation through the use of non-intrusive, interior and exterior thermal inspections. Using high-resolution handheld and drone operated radiometric infrared cameras, these inspections can be performed quickly at various points in the construction process (or after construction). Our infrared thermography services ensure the envelope installation meets project requirements, minimize envelope related warranty issues and identify leakage points when problems do exist.

Infrared Thermography Services:

- Aerial Drone Infrared Surveys
- Building Envelope Surveys
- Exterior Cladding and EIFS Surveys
- Construction Defect Investigations
- Commercial Roof Surveys
- Water Infiltration Detection
- Infrared Electrical Inspections

## WATER INTRUSION TESTING

Entegrity's water intrusion testing services provide a cost effective solution to evaluate the performance of installed windows, doors, storefront, curtain walls, sloped glazing systems, skylights, and exterior building facades for new and existing buildings. With the use of spray wands, racks, pressurization equipment, thermographic cameras and other testing equipment, Entegrity's water intrusion testing service meets specified industry standards from the American Architectural Manufacturers Association (AAMA) or American Society for Testing and Materials (ASTM) testing protocols.

# COMPANY INFORMATION

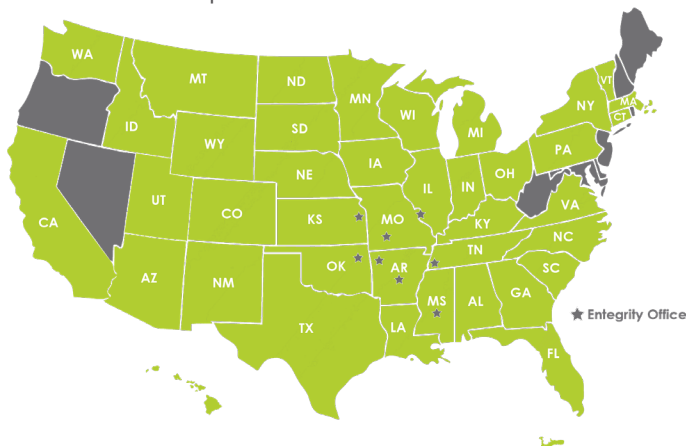
## ABOUT US

Entegrity is an independent building consulting firm specializing in sustainability, commissioning, energy services, solar and building testing.

Established in 2007 as a response to the growing demand for independent building commissioning services and sustainable building practices, Entegrity is a leader in sustainable design. We provide innovative solutions to develop and maintain high-performance, energy-efficient facilities that reduce environmental impact and realize significant upfront and lifecycle cost savings. Because we don't provide architectural or mechanical design services or represent any products or manufacturers, we're uniquely positioned to represent our clients in an independent and unbiased manner.

## PARTNERSHIPS & AFFILIATIONS

We encourage our team to be well-versed and actively engaged in our industry. We're a proud member of the U.S. Green Building Council; American Society of Heating, Refrigeration, and Air Conditioning Engineers; Association of Energy Engineers; AABC Commissioning Group; Air Barrier Association of America; American Institute of Architects; Building Owners and Managers Association International; and we're an ENERGY STAR® partner.



## REGIONAL OFFICES

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