

# Sigma is Your Single Source for Moisture Assessments

## MOISTURE PROBLEMS

Water intrusion and moisture are commonly regarded as threats to the durability and long term performance of a building. The consequences of inadequate moisture control can be severe, which include the degradation of building material strength and insulation value and increasing the weight of building components beyond the capacity of structures. Moisture problems can also support microbial growth that can lead to an unhealthy indoor environment. There are many underlying sources for moisture problems ranging from trapped vapor to plumbing leaks to flooding to inadequate weather protection during construction.

## ASSESSING MOISTURE CONDITIONS

Sigma performs moisture assessments for facility owners and operators, developers, and building and restoration contractors who need to address moisture problems. The assessment process not only identifies building materials that are impacted but may reveal the source conditions, especially those that are hidden. By applying the moisture assessment information, a logical response plan can be formulated for source control and restoration of affected areas.



**Moisture Problems & Building Impact**

Moisture within buildings can lead to serious problems from both an engineering and environmental standpoint.



**Sigma's infrared moisture detector**

This portable device provides quick and highly accurate results during a moisture assessment without damaging any building components.

## ASSESSMENT PROCESS

Sigma is skilled, experienced and equipped to help. We integrate our understanding of building construction with various investigation methods including comprehensive visual inspections and the use of moisture meters and infrared cameras. By utilizing these highly accurate and sensitive instruments, Sigma employs non-destructive methods of investigation in order to determine the moisture content of substances including drywall, plaster, wood, concrete and carpeting and can then use the information gained to formulate appropriate response actions.

### Moisture Assessments & Complimentary Services

- Indoor Air Quality
- Pre-Demolition Asbestos Inspection
- Mold Investigation
- Demolition Planning and Design
- Clearance Monitoring
- Building Conditions Evaluation

CONTACT SIGMA TODAY FOR YOUR MOISTURE ASSESSMENT NEEDS

**Jeffrey M. Senn, CHMM**  
(414) 643-4151  
JSenn@thesigmagroup.com

**Timothy E. Wimmer, P.G.**  
(414) 643-4139  
TWimmer@thesigmagroup.com

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Single Source. Sound Solutions. **GROUP**

[www.thesigmagroup.com](http://www.thesigmagroup.com)

1300 West Canal Street  
Milwaukee, WI 53233  
(414) 643-4200