

Thermo-Scan Inspections

About TSI

Thermo-Scan Inspections (TSI) has been providing technically advanced inspection services for over 30 years. We utilize sophisticated testing instruments, coupled with professional reporting methods and superior customer attention, to deliver a service that will exceed your expectations.

Air Barrier Testing & Building Envelope Scans

TSI has the experience and specialized testing equipment to help you test and meet the requirements of ASTM E1827 & E779 for Air Leakage Testing and ASTM C1060 for Infrared Inspection requirements.

TSI has been involved with many Army Corps Of Engineers and LEED projects and we can help you meet strict building envelope requirements.

In addition to performing the final testing, we also offer consultations & on-site inspections during construction.

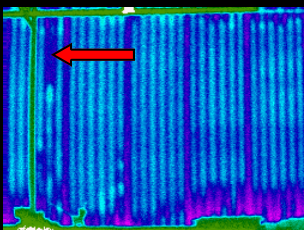


Building Diagnostics

TSI can investigate high energy bill and comfort concerns, excessive heat loss/gain, air leakage, moisture intrusion, and negative building pressures in commercial buildings.



Smoke machines and thermal imaging may be used to identify areas of moisture and air intrusion.



This infrared image of a new concrete tilt-up wall shows insulation voids, common in new commercial construction

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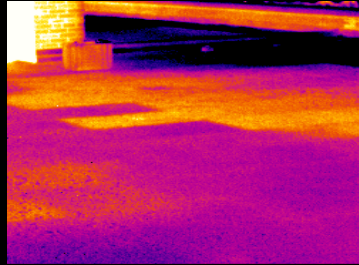
TSI THERMO-SCAN
INSPECTIONS

30+ Years Of Professional Inspection Service Experience

Infrared And Nuclear Roof Moisture Surveys

Infrared thermography, along with other non-destructive testing techniques, allows our technician to identify areas of elevated moisture within a roof assembly.

Instead of spending a large sum of money to replace the entire roof, our inspection process helps the building owner identify and replace only the problem areas.

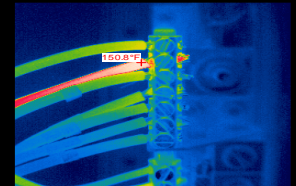


Our nuclear method is the most accurate technology used to detect elevated levels of moisture in a ballasted EPDM system



Infrared Electrical Inspections

Infrared electrical inspections are used to locate temperature rises in an electrical system due to loose connections, overloads and other problems. Some insurance companies require infrared inspections in commercial buildings as a risk management tool. These inspections decrease the probability of electrical failures that can cause equipment downtime, production losses and even electrical fires.



Underground Leak Detection & Line Location

TSI uses a combination of ultrasound, line location equipment, helium detectors and infrared imaging to quickly and accurately locate buried pipes and both hot and cold underground leaks.

Some typical applications:

Under-Slab Leaks (Hot & Cold Water)

Leaks In Car Wash De-icing Lines

Underground Boiler Line Leaks

Vacuum System Leaks

Apartment Complex High Water Bill Analysis

Pool & Fountain Leaks



Scanning Outside Of Car Wash To Identify Leak In De-icer Line



Diving For Pool Leak & Dye Testing

Listening, With Ultrasound, For Water Leak Under Sidewalk



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