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President's Message – Technology vs Human Interaction

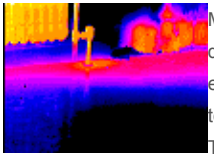
I am constantly amazed at the new ways to stay in contact. With smart phones and tablets, at anytime we can instantly see pictures of family on Facebook, share ideas on LinkedIn, or keep current on Twitter. With all the positives, there are some concerns.Albert Einstein once said, "*I fear the day that technology will surpass our human interaction. The world will have a generation of idiots.*" As with anything, moderation is the key.

For 30 years, Jersey Infrared Consultants have provided an unequaled level of client care and customer service. As a service company, we believe it is imperative to know each of our clients, their facility, and their specific projects and needs. It is also our job to keep our clients up-to-date on new information. With this in mind, we are pleased to integrate our new resources on LinkedIn, Facebook and Twitter, with our dedication to remaining a true service company.

Contact us

Steam Trap Surveys

Yield Huge Green Dividends

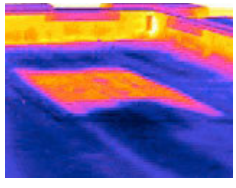


Many sites produce or buy steam for heating or manufacturing purposes. As essential components of a steam system, steam traps are mechanical devices that can have a direct and substantial impact on your bottom line. Today's energy costs, combined with an average industry failure rate exceeding 50% of installed traps, your facility could be losing hundreds of thousands of dollars per year!Utilizing a multi-technology approach, our Infrasonic™ Steam System Surveys are performed by Infraspection Institute Certified Infrared Thermographers® using contact ultrasound detectors and thermal imaging.

Combined with timely, effective repairs, steam trap surveys provide you with the information to eliminate energy waste, reduce your carbon footprint, and increase your bottom line. Locating and repairing a single failed trap can pay for an entire survey.

More Information

Which Moisture Test is Best for My Roof?



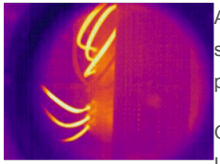
Currently there are three types of tests that are commonly used to identify the location of moisture in a commercial roof: Infrared, Nuclear, and Capacitance. Each test relies on specific physical or chemical properties related to water, and has advantages and disadvantages. Understanding how each test works will determine which test is best for your roof.

- Infrared thermography identifies thermal properties of a roof system;
- Nuclear survey measures the amount of hydrogen in a specific location;
- Capacitance detects changes in electrical properties.For an overview of these tests, advantages and disadvantages, and how they may apply to your roof, please refer to

Common Flat Roof Moisture Tests or contact us to discuss your specific project.

More Information

Are Ports and Grills Different from IR Windows?



Although many refer to ports and grills as ‘windows’, there are key differences. An infrared port consists of a metal or plastic frame that has a single, small diameter opening (< 0.5 inches) to permit viewing of components located within switchgear enclosures. Due to their small diameter opening, ports usually require the use of special wide angle or ‘fisheye’ lenses with a thermal imager designed to accept such lenses.

Grills are similar to ports; however, they are usually larger in overall diameter and contain a metal plate containing multiple small diameter openings. Unlike windows, ports and grills are not constructed with infrared transmissive optics and may serve as listening points for passive ultrasound instruments.

An infrared window is an engineered optic designed to permit infrared inspections of electrical components located within switchgear enclosures. Infrared windows consist of a metal or plastic frame that supports an infrared transmissive optic. Infrared windows usually have a protective cover to protect the optic when they are not in use. Depending upon the window, optics may be made from crystal or polymer material.

More Information