



**Weifield
Group**

ELECTRICAL CONTRACTING

ELECTRICAL SERVICE



Weifield Electrical Service Division

INFRARED [IR] INSPECTION WINDOW SOLUTIONS

HOW IT WORKS



Minimize exposure to electrical hazards

Infrared Inspection Windows represent an effective and easy-to-implement solution to help prevent equipment and facility damage, while also reducing the potential for electrical fires. Infrared Inspection Windows help ensure safe inspection and maintenance of electrical equipment and installations, minimize exposure to electric hazards, as well as detect and remedy any faults in power circuits in an efficient manner – without the need for open panels.

An IR Inspection Window is a safety separation or viewing portal utilizing a special lens to allow infrared rays to pass through from the source inspection point to the external environment. The pattern and temperature of heat generated at the specific site are recorded using a thermal camera, and the collected data is then analyzed to determine the health of the system, equipment, or electrical unit.

COST-EFFECTIVE

SAFE & ACCURATE

WHAT WE DO

A reliable and easy-to-implement solution to reduce risk & enhance ROI



An IR Inspection Window program provides a cost-effective and safer alternative to traditional open-panel inspections; electrical maintenance can be safely and efficiently completed while panels and switchgear enclosures remain closed.

Utilizing IR Inspection Windows for your company's maintenance plan quickly shows returns through program improvements and ability to achieve compliance with the requirements of NFPA and OSHA



1.877.WEIFIELD
1.877.934.3435



service@weifieldgroup.com

THE RIGHT SOLUTION FOR PEACE OF MIND

A value-add to reduce your catastrophic risk and enhance the bottom line.

Realize the Benefits of IR Inspection Windows:

- Create a protective barrier during inspections, reducing the risk of electrical hazards
- Enable inspections of previously inaccessible equipment without requiring disassembly, saving time, and minimizing downtime
- Easy access encourages more frequent inspections, aiding in early issue detection and saving money
- Mitigate risks associated with traditional inspection methods, safeguarding assets and maintaining production continuity



KEY FEATURES & BENEFITS

A Non-Intrusive & High-Impact Alternative

Energized electrical maintenance tasks can safely and efficiently be completed while panels and switchgear enclosures remain closed. The use of infrared portholes means that any early signs of damage can be detected quickly, so that the right action can be taken based on your equipment's condition.

Continuous & Uninterrupted Monitoring

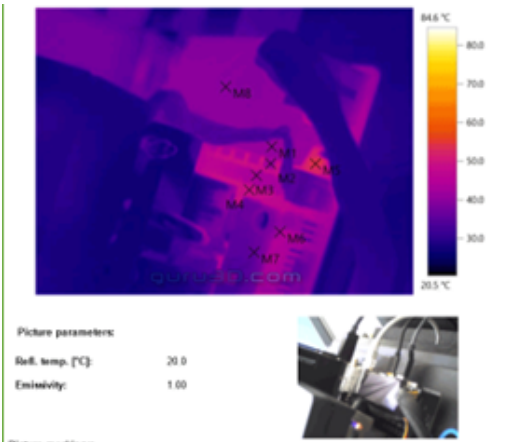
Smart IR cameras installed at the window location guarantee continuous, uninterrupted monitoring of the same equipment: 7 days a week, 24 hours a day. Smart IR cameras are connected to the Internet and can also send images and alerts, guaranteeing optimum, seamless surveillance.

Reducing Costs

Carrying out regular inspection using an IR window reduces the risk of fire, which in turn means less financial damage for the company. Infrared windows also help reduce maintenance costs, as the equipment does not have to be switched off to be checked.

Mitigating Risk

Ensuring electrical safety at the workplace is a prime concern for employers across the world. Investing in thermographic inspection can make financial sense in the long term, as it can dramatically reduce the risk of industrial fires, and the associated material and human damage.



Your Pathway to Success Begins Here

weifieldcontracting.com

Why Choose Weifield? Electrical systems are complicated, but we believe that electrical service doesn't have to be. At Weifield, we bridge the gap between affordable prices and valued service, because we believe there's more to business than turning a profit. We are committed to providing all that we can for you, our customers, our employees, and our community. If you would like more information on IR Inspection Windows, **contact us today!**

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