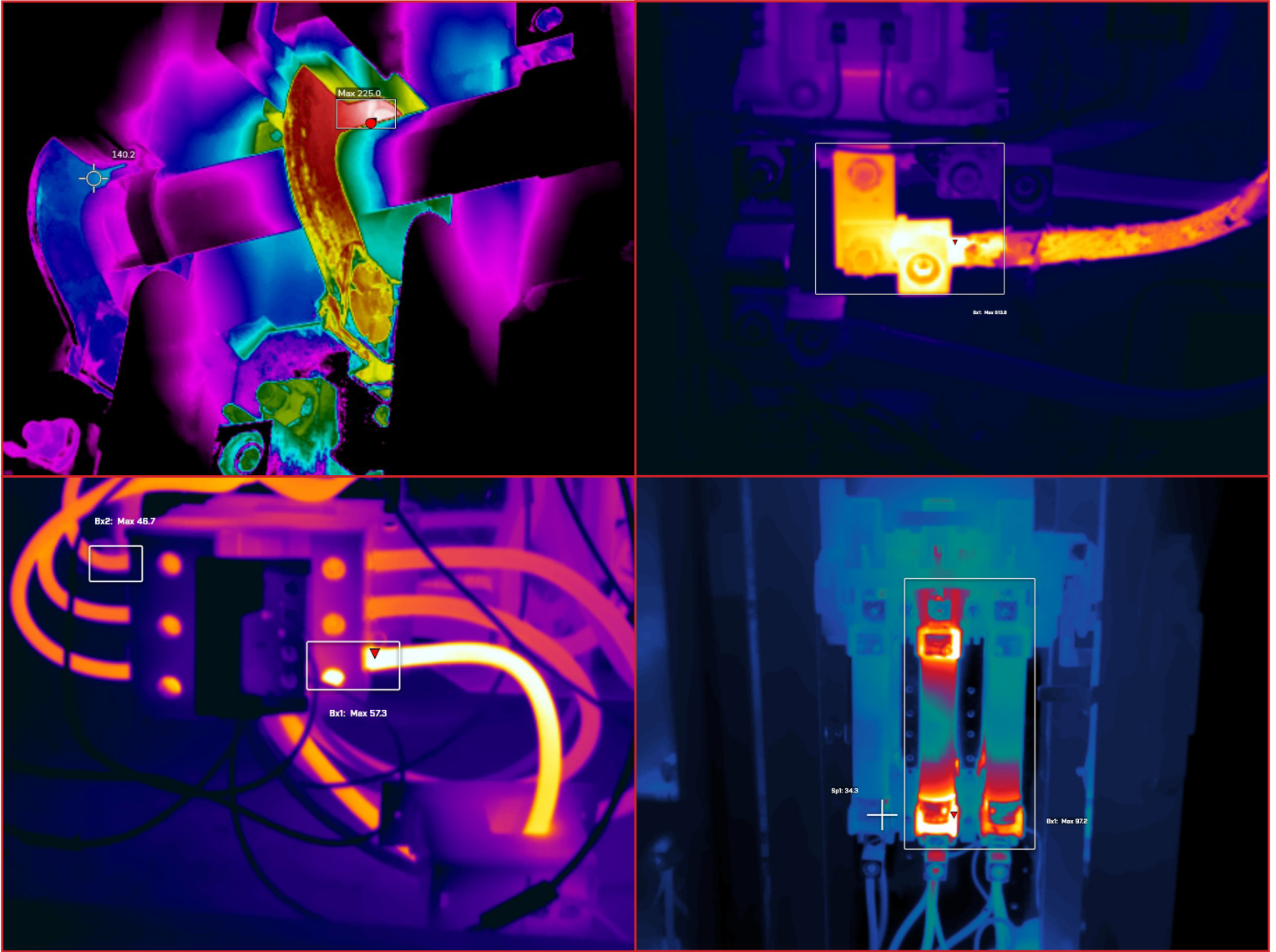


INFRARED PREDICTIVE MAINTENANCE PROGRAM

Why you should invest with ESCO P&S!





INFRARED THERMOGRAPHY

is equipment that detects infrared energy emitted from an object, then converts it to temperature, and displays image of temperature distribution. It can show malfunctions in equipment and necessary maintenance to help prevent destructive events in the plant. It is a powerful tool that is used in electrical predictive maintenance programs, saving plants money, downtime, and even employee lives.

On average companies lose \$1M in revenue every year due to downtime that could have been prevented through a predictive maintenance program including infrared thermography. This testing can pinpoint issues and failures before they become a major problem and cost money and production time.

\$1M
lost in revenue
each year

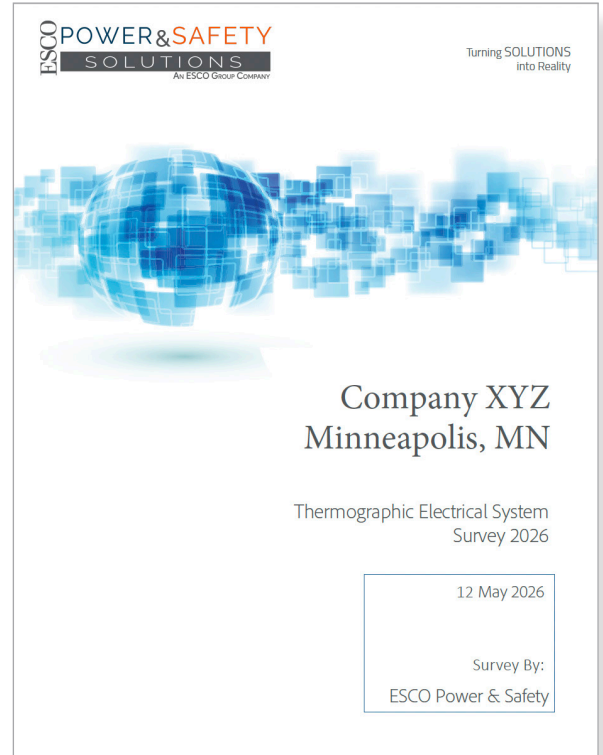
NFPA
industry compliance

NFPA 70B (2023) is now a standard. Section 9 requires annual infrared inspections to identify deficiencies such as loose connections, overheating components, mechanical issues, and motor anomalies. By scheduling routine infrared thermography inspections, maintaining compliance is straightforward and delivers significant value to the plant.

There are many important steps in a complete IR program.

ESCO'S IR PROGRAM STEPS

1. Create your Infrared Inspection program
2. Create routes
3. Schedule routes
4. Perform the inspection
5. Analyze images
6. Create a report
7. Recommend repairs
8. Perform follow up scan to verify repair corrected the issue



Let ESCO Power & Safety assist you in deciding which steps are a good fit for your facility. Once we identify the appropriate steps we can create your custom SOP's.

OUR SUBJECT MATTER EXPERT



Reggie Fett
Field Specialist

Reggie's experience in infrared thermography dates back to 2007. Since then, he has also become certified in and performed Motor Circuit Analysis, Ultrasonic Compressed Air Leak Detection, and Ultrasonic Electrical Testing. Since 2021, Reggie has been conducting plant grounding surveys.

Reggie is trained in the latest NFPA 70B requirements and can help support your company's reliability program needs.

With his training and experience, Reggie is capable of diagnosing issues within your plant and recommending corrective actions. ESCO can assist with repairs as well. Contact Reggie for more information!

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