



Thermographic Energy Evaluation

Using thermographic imagery, Pennsylvania Recycling Markets Center (RMC) trained personnel can detect excess heat in critical equipment as well as excessive electrical loads used by equipment components.

The RMC team can identify potential equipment failures by identifying unusually high temperatures. Avoidance of malfunctions reduces expensive and preventable mechanical or electrical failure causing downtime.

How is this done?

- ☒ Initial thermographic images of equipment are captured and documented by industry certified RMC personnel.
- ☒ Images are compared to equipment manufacturer's specifications and a baseline established.
- ☒ Subsequent images are taken at scheduled intervals and compared to the baselines.

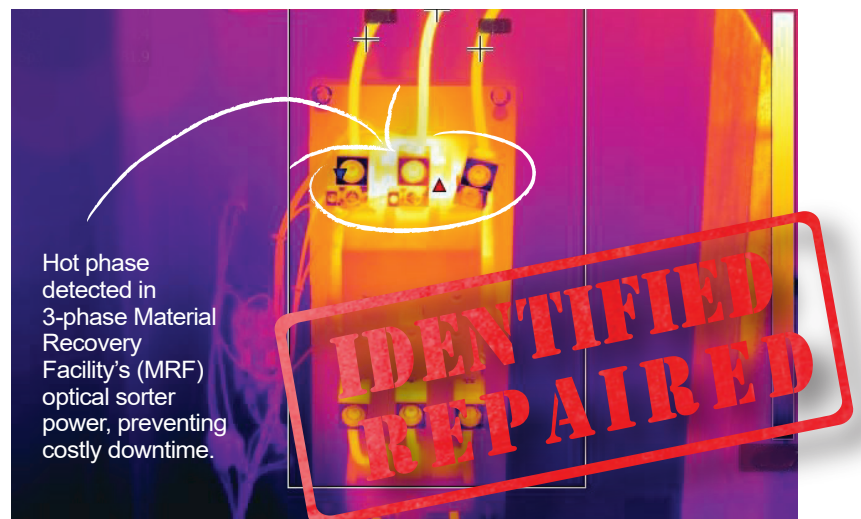
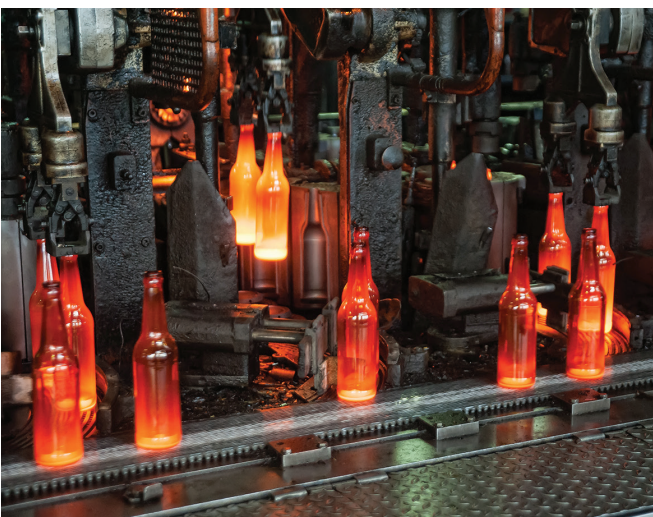
Applications:

- Lighting Systems
- Material Handling Systems
- Motors, Belts and Drives
- Hydraulic Systems
- Fans and Pumps
- Molding or Extrusion
- Compressed Air Systems
- Electric Distribution

A predictive maintenance schedule, which includes Thermographic Evaluations performed by RMC trained personnel, can identify points of failure to help manage risk and save money.

Schedule an RMC Thermographic Energy Evaluation to manage risk and save money for your business.

info@PennRMC.org • 717-948-6660



**Pennsylvania
Recycling Markets Center**
Keystone of Circular Economy

Penn State Harrisburg
777 West Harrisburg Pike
Church Hall
Middletown, PA 17057-4898
717-948-6660 • PennRMC.org

The Pennsylvania Recycling Markets Center (RMC) is a non-profit corporation with mission to reduce or eliminate barriers that lead to expanded end-use of Pennsylvania's recycling. As the only Pennsylvania organization with this uniquely circular mission, the RMC team brings economic development and environmental guidance; recycling industry outreach and research; and manufacturing assistance to stakeholders including entrepreneurs, manufacturers, recycling sorters, collection programs, haulers, governmental agencies and officials, consumers, and educators.

The Recycling Markets Center is the keystone of circular economy in Pennsylvania.

Since inception in 2004, and with funding from the Pennsylvania Department of Environmental Protection, the RMC has an affiliation with Penn State and is headquartered at Penn State Harrisburg with an office also in Pittsburgh. Serving the entire state, RMC assistance includes manufacturing supply connectivity for use of recycled feedstocks; applied research and commercialization assistance in the use of recycled materials; technology and equipment comparisons; and expert curation of technical and business growth knowledge.