



INFRARED THERMOGRAPHY

Accurate Temperature Locating and Mapping



Benefits Quick Look

	Prevents Premature Equipment Failure
	Locates Energy Losses
	Accurate Form of Predictive Maintenance
	Effective in Diagnosing Repairs
	Reduces Fire Hazard
	Potential Reductions in Insurance Premiums

Our Infrared Thermography services provide insight into many current maintenance problems as well as diagnosing hidden potential issues which could escalate further into problems. By measuring up to 1202°F, virtually all parts of a building and its equipment can be evaluated for overheating, heat loss, improper insulation and many other invisible conditions caused from heat related stresses.

Measurements can be conducted on motors, pumps, circuit breakers, air compressors, and other equipment as well as the physical structure of a building: windows, roofs, insulation, walls, flooring, plumbing and ductwork. Through the early identification of these possible problems, maintenance can be performed on the affected areas, preventing these issues from halting your production to becoming a catastrophic event. Scenarios like fire hazards, equipment breakdown or malfunctions, overloaded or shorted circuits, air and water leaks, roofing and flooring problems. Such a large range of applications allows for the identification of substantial savings opportunities in an industrial facility.

By providing a thermal infrared image of an area, a more accurate temperature reading is provided, than with a traditional infrared laser thermometer, all from a distance. This allows readings to be done without shutting down equipment or operation activities, while still safely analyzing temperature changes from a safe distance. By identifying these variations in temperature, it becomes easy to tell where energy savings are being lost due to overstressed equipment or faulty maintenance. At the same time, located issues can be monitored or repaired for increased energy savings, operational efficiency and process reliability.