

Thermography Self-Inspection Program



In recent years, advancements in technology have led to lower cost and user-friendly thermal imaging cameras. Since pipe freeze up related losses continue to be a significant driver for MIIA, we are introducing a thermography self-inspection program that we hope will help to identify the root causes for pipe freeze ups so that corrective action can be taken. This technology can be extremely beneficial in isolating your problem areas. Thermal imaging cameras can help to identify colder areas behind walls or ceilings that may be at high risk. The cameras can also help to detect other thermal anomalies such as areas where water leaks have infiltrated the building or electrical panels that may be overloaded. As a reminder, thermal imaging cameras or professional thermographic surveys will be considered for the MIIA Risk Management Grant.

Program Instructions

- Using the criteria on this page, conduct thermal imaging inspections twice per year for each building, preferably one in the winter and one in the spring.
- Inspections should be conducted for each of your main buildings that are unoccupied on weekends (schools, town halls, libraries, senior centers, etc.).
- Use the Thermography Self-Inspection Summary Form to schedule and track your inspections.
- Use the Thermography Self-Inspection Corrective Action Summary Form to track your corrective actions.
- A sample inspection checklist is provided to assist with field notes, however a copy of each checklist is not necessary for credit.
- Inspections should only be conducted by properly trained employees.

Rewards Credit

- Submit the Thermography Self-Inspection Summary Form and the Roof Self-Inspection Corrective Action Summary Form by May 31st. Both forms are required for credit. Use additional pages if necessary to list correction actions.
- Up to 2% property coverage credit will be applied based on thoroughness of inspections as determined by Risk Management staff.

Program Criteria

Please confirm the following at each of the facilities you plan to inspect in the Winter.

- Scan all exterior walls, with focus on doors, windows, uninvents, utility pipes, etc. where heat loss could be a concern.
- Scan ceilings where plumbing or sprinkler lines are located with focus on those areas where water stains may be present (Could indicate a water leak).
- Scan all main electrical panels and sub panels.
- Scan areas near exterior gutters, downspouts or roof drains.
- Scan each corner of each room from the ceiling down to the floor.
- Scan areas where exterior wall damage or cracks exist.
- Scan basement walls and ceiling.
- Scan attics and crawl spaces if they are safely accessible.

Thermography Self-Inspection Summary Form

Member Name Insert Name of Town **Inspector Name:** Insert Inspector Name

Instructions: This form should be used to track your thermography self-inspections. Two inspections should be conducted per building each year, preferably one in the winter and one in the spring. Once the inspection has been completed, the inspector should “initial and date” in the corresponding month below.

Building	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June

Reward Coordinator Signature _____ **Date Submitted to MIIA:** Insert Date

By signing this form, I certify that to the best of my knowledge the inspections were completed as per the guidelines on page 1 of the thermography self-inspection guidelines.

Thermography Self-Inspection Checklist

Member Name: _____ Facility: _____

Address: _____

Inspector Name: _____ Date: _____

(Mark Completed with an "X")

Exposure	Yes	No	N/A	Corrective Action Needed	Assigned To	Date Completed
Scan all exterior walls, with focus on doors, windows, uninvents, utility pipes, etc. where heat loss could be a concern.						
Scan ceilings where plumbing or sprinkler lines are located with focus on those areas where water stains may be present (Could indicate a water leak).						
Scan all main electrical panels and sub panels						
Scan areas near exterior gutters, downspouts or roof drains.						
Scan each corner of each room from the ceiling down to the floor.						
Scan areas where exterior wall damage or cracks exist.						
Comments:						

Thermography Self-Inspection Corrective Action Summary Form

Member Name: _____

Inspector Name: _____

Facility Name	Month or Date of Inspection	Corrective Action Needed	Assigned To	Date Completed

Reward Coordinator Signature _____ Date Submitted to MIIA: _____

By signing this form, I certify that to the best of my knowledge the inspections were completed as per the guidelines on page 1 of the thermography self-inspection guidelines.