

Local 17 Heat and Frost Insulators:

Working Toward the Future...



The Power & Value of MECHANICAL INSULATION



...by Building on our Past

USE LESS, SAVE MORE

What's the first thing that comes to mind when you think about insulation? If you're like most people, it's energy savings...and for good reason! Energy typically represents the greatest cost in operating a manufacturing facility and all of its processes. Proper insulation protects critical operating systems against energy-draining temperatures. It's a simple concept: Use less energy, and pay less in energy costs.

Properly insulated systems – installed and maintained by trained professionals – represent one of the best investments a company can make to protect its assets, conserve energy and control energy-related costs. Looking for a solid return on your investment? Start with proper mechanical insulation. With annual rates of return of more than 100 percent in many cases, energy conservation through mechanical insulation just makes good business sense.

Contact Local 17 today to learn more about the value of mechanical insulation.

IMPROVED RESULTS THROUGH EFFICIENCY

Incorporating professional insulation into a project's initial design phase is a critical first step to improving long-term efficiency and productivity. That's because most mechanical processes involve fluid, air or gas, and are based on engineering assumptions that estimate the temperature and pressure from one point in the process to another. Maintaining optimum process control and productivity starts with properly installed and maintained insulation systems.

The professionals at Local 17 can help you eliminate the guesswork and realize true results.

CREATING A SAFER WORKPLACE

The best workplace safety programs start with well-protected facilities. Proper insulation represents one of the simplest steps an employer can take to ensure that employees are able to perform their jobs safely.

Protecting workers from contact with hot or cold surfaces should be a key focus of any safety program. Consider the correlation between worker safety and properly – or improperly – insulated applications such as:

- commercial kitchen ducts
- return air plenums
- protected power and communication conduit trays
- similar workplace appliances

In addition to reducing or eliminating temperature-related hazards, properly insulated systems also offer protection from excessive equipment noise common in manufacturing facilities.

Your Local 17 Heat and Frost Insulators are committed to helping you achieve your workplace safety goals.

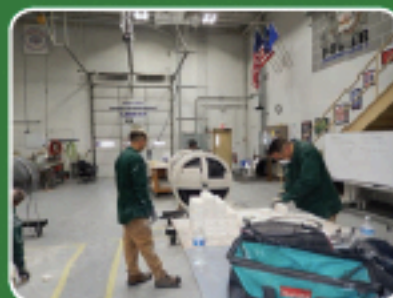
WHY INSULATE?



TRAINING & APPRENTICESHIP PROGRAMS

The Heat & Frost Insulators and Allied Workers Local 17 features a five-year apprenticeship program that combines a rigorous curriculum with extensive on-the-job training under the supervision of expert mechanical insulators.

By completing the program, which is approved by the Department of Labor's Office of Apprenticeship, participants will have logged a minimum of 8,000 hours of on-the-job training. This hands-on training, in combination with 678 classroom hours of in-depth instruction on safety and thermal and cooling mechanical insulation applications, prepares apprentices for not just a job, but a highly skilled career in the real world of mechanical insulation.



Course curriculum focuses on four critical areas:

- the installation process
- material layout
- job specs
- reading blueprints

Trained by the best in the profession, our mechanical insulators have the skills, problem-solving strategies and know-how to meet the challenges of the most demanding mechanical insulation applications. They learn, practice and perfect the skills for varied installation methods, solutions and environments.

Apprentices are paid for their on-the-job training, with pay levels increasing each year. Our apprentices complete their training as fully qualified mechanical insulators ready to continue work in multiple thermal and cooling environments.

All apprentices graduate with OSHA 30, Lift, scaffold user, and CPR/first aid training.

Interested in becoming an apprentice? Go to www.local17insulators.com for more information



VALUE. INVESTMENT. ENVIRONMENT.



AN INVESTMENT FOR THE FUTURE

When it comes to developing your project budget and forecasting for the future, it's important to consider the role of professional insulation in your planning. That's because proper insulation can provide unparalleled rates of return on your investment that are sometimes overlooked during the early phase of the project.

Initial capital costs associated with a building's construction typically represent only 20 to 30 percent of the entire cost over a lifespan of 30 to 40 years. Professional insulation plays a critical role in improving the full life-cycle costs for the long term. Ready to start planning? With the variety of software and energy assessment tools available to help you, it's easy to quantify your rate of return and calculate the benefits of insulation.

Let the experts at Local 17 help you understand the value of insulation when it comes to improved life-cycle costs.

ACHIEVING "GREEN" GOALS

Operating a sustainable business is a key priority for organizations today. In many industry segments, "green" buildings are no longer just a bonus – they're a requirement.

Insulation systems – both individual or in combination with other building or equipment design options – play a key role in achieving your "green" goals. Properly planned building design, construction and maintenance can provide lasting positive results.

Partner with Local 17 to help you achieve your sustainability objectives.

IMPROVING WORKPLACE PRODUCTIVITY

Properly insulated systems improve more than just energy-related costs: There's also a direct correlation to improved air quality and workplace efficiency. The "noise pollution" resulting from everyday office activities and plant processes can have a negative impact on employees' health, productivity and overall job satisfaction.

Let the experts at Local 17 help you improve efficiency through reduced workplace noise.

ENVIRONMENTAL BENEFITS

Conserving energy isn't just good for your bottom line – it also benefits the environment! Common fuel sources used in manufacturing and commercial operations, such as natural gas, petroleum and coal, are fossil fuels that emit greenhouse gases into the atmosphere. Greenhouse gases have been directly linked to global warming and pollution.

So what's the connection between insulation and the environment? Properly insulated systems use less energy. Reduced energy consumption means less fossil fuels are burned to produce that energy. The result? Fewer greenhouse gases and air pollutants emitted into the environment. And, reduced greenhouse gases can lead to increased carbon credits – creating an all-around win-win scenario for you – and the environment!

Reach out to Local 17 today to learn more about the environmental benefits of properly insulated and maintained systems.



HISTORY

At the turn of the 20th Century, American factories began converting their operations from coal to steam power. The modernized configuration required proper insulation to protect and maintain the new mechanical systems for decades to come. This created a need for properly trained workers to perform the work in a safe manner, and from that need, the Chicago Mechanical Insulators organization was formed on July 14, 1899.

In 1919, Hugh E. Mulligan became Local 17's new leader, and he would go on to lead the organization for the next 52 years. Mulligan's tireless efforts to promote the industry included outreach in support of both community and national events. In 1941, he hosted a "Navy Night" to solicit membership response for the urgent and growing need for insulators at Pearl Harbor. Thirty-six members volunteered to serve at the Naval Base at Pearl Harbor.

Mulligan and the leaders that followed helped mold the Chicago skyline, as well as numerous commercial and industrial facilities that operate within Northern Illinois and Northwest Indiana, into great economic centers and places to live. Local 17 continues to build our future from looking into our past.



THE STORY OF THE SALAMANDER

A salamander may seem like an unlikely candidate for an organization's mascot, but for the International Association of Heat and Frost Insulators and Allied Workers and its affiliates, it makes perfect sense.

According to folklore, salamanders allegedly had the ability to survive a fire. This is most likely due to the fact that they live and hibernate in rotted wood or hollowed-out trees. If the wood protecting these creatures was used to fuel a fire, the hiding salamanders could be observed quickly emerging from the wood – and the flames – leading to the belief that they were unharmed by fire.

Thus, the legend of the fire-resistant salamander was born – the perfect visual representation for a group dedicated to heat – and frost – protection.



HEAT & FROST INSULATORS AND ALLIED WORKERS, LOCAL 17

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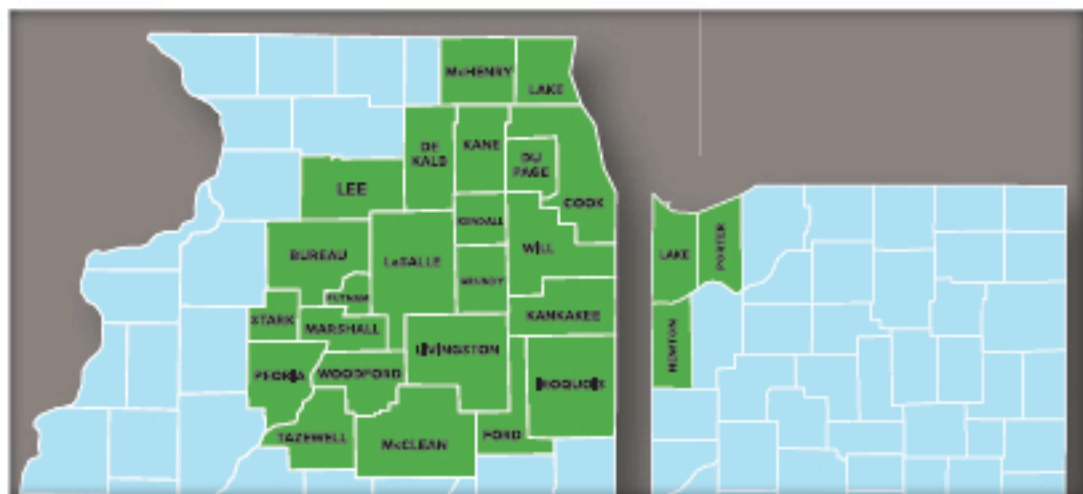
Robert Flynn, Business Representative/Organizer, flynn@local17insulators.com

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Current Signatory Contractors

For a list of contractors that can help your firm with its mechanical insulation needs, please visit the Illinois Regional Insulation Contractors or Local 17 Insulators websites:

iricinsulation.com
local17insulators.com



Illinois: Cook, DuPage, Will, Grundy, Kendall, Lake, McHenry, LaSalle, Bureau, Livingston, Kankakee, Putnam, Iroquois, Ford, DeKalb, Lee, Kane, Stark, Marshall, Peoria, Woodford, Tazewell, McLean

Indiana: Lake, Porter, Newton

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