



Energy Appraisal Service

Energy Appraisal Aims at Reducing Greenhouse Gases and Saving Energy Dollars

Our Certified Energy Appraisers* use sophisticated software and infrared technology to evaluate the thermal performance on insulated and/or uninsulated piping and equipment in your facility. Using a state-of-the-art infrared camera, a certified thermographer will pinpoint areas of energy loss. Our appraisers will:

- Locate and Document Your Actual Btu Losses
- Translate Your Btu Losses into Dollars
- Calculate Greenhouse Gas Emission Levels of Your Current In-Place Insulation Systems



Energy Appraisal Demonstrates the True Dollar and Performance Value of Insulation

The appraisal can project total potential energy savings/emissions reductions with an upgrade to the facility's insulation system that will have a significant payback for the life of the facility. This important information is provided to facility or plant managers concerned about energy efficiency through a five step process:

- Meet with Facility/Energy Manager – to determine scope of the appraisal, scope of energy usage and distribution systems, and cost to operate
- Walk-through of the Facility – to measure and document all applicable pipes, ducts, and equipment
- Use Customized Software Program – to calculate dollar value on Btu losses and greenhouse gas emissions
- Produce Final Report – to document fuel cost savings with current insulation and potential savings with insulation upgrade; environmental impact of reduced combustion product gases resulting from increased energy savings and reduced fuel consumption; amount of energy (Btu) loss or gain from uninsulated surfaces versus those insulated to the most thermally efficient, cost effective thickness determined by the computer program
- Present a Customized Report – to explain all financial savings and environmental data; and possibly offer recommendations based on analysis findings, as well as a return on investment, regarding insulation upgrades

PACOR's Energy Appraisal Service is a tool that quantifies the amount of energy and actual dollars your facility may be losing with its current in-place insulation system – and demonstrates how a more efficient system can:

- Save You Hundreds of Thousands of Btu's
- Improve Your Process Control and Efficiency
- Reduce Your Fuel Costs
- Help You Contribute to a Cleaner Environment through Emission Reduction
- Help You Support the Green Building Movement

*Certified through the National Institute for the Uniform Licensing of Power Engineers (NIULPE) and the National Insulation Association (NIA).

PACOR Offers a Variety of Products and Services to Meet Your Industrial Insulation Needs

Aspen Aerogels

PACOR has agreed to partner with Aspen Aerogels to fabricate revolutionary insulation materials made from nanoporous aerogels, the world's best thermal insulator.



Fiberglass Insulation

As one of just a few national Select Master Fabricators of Johns Manville, we have access to the broadest range of fiberglass products in the industry. Fiberglass has long been used in both residential and industrial applications because of its

excellent thermal and acoustical properties. Our product mix includes Tuf-Skin®, Valulite™, Whispertone®, Microlite®, and other fine products.

Removable Thermal Insulation Covers

PACOR's industry-leading **RapidWrap™** removable insulation covers conserve energy, preserve process temperatures, and reduce pollution. Made of the highest quality materials by experienced, dedicated craftspeople, they are custom fitted to your exact requirement. With a payback of as short as a couple of months, **RapidWrap™** removable insulation covers offer a cost effective method of reducing your energy costs and consumption.



Acoustical Products

PACOR's The Noise Police™ Acoustical Products offer ideal protection from harmful noises associated with industrial production. These products are custom designed for specific applications and available in a variety of configurations to meet specific plant and personnel requirements.

Foam and Foam Tapes

We offer a large variety of foams and foam tapes to meet a broad range of applications. These products can be ordered with or without Pressure Sensitive Adhesive (PSA) to make your manufacturing process easier, and can be fabricated in a number of ways to meet your requirements.



High Temperature Ceramic Insulation

These products offer state-of-the-art solutions for the most demanding thermal management applications, up to 3000°F. They provide excellent insulating properties, including low thermal conductivity and heat storage.



Energy Appraisal Service

PACOR offers an Energy Appraisal Service aimed at reducing greenhouse gases and saving energy dollars. Our Certified Energy Appraisers use sophisticated software and infrared technology to evaluate the thermal performance on insulated and/or uninsulated piping and equipment in your facility.

Plastic Injection Molding

PACOR offers plastic injection molding services, specializing in small runs, prototype services, new product development, and insert molding. We present an excellent opportunity to outsource many of your current items, as well as offer subassembly operations to free up your production staff.



Our Value Proposition

PACOR is an insulation specialist with over 85 years of experience. Providing a full and diversified line of products and services, we are committed to quick responsiveness and dedicated to quality and creative solutions

...and always service oriented.

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