The program is designed to respect the client's need for confidentiality. The identity of each participating plant is kept confidential. Iowa State's IAC is not involved in regulation or enforcement.

**CONFIDENTIALITY**

**INDUSTRIAL ASSESSMENT CENTER**
Energy, Productivity, & Waste Assessments

**WHO WE ARE**
- The Iowa State University Industrial Assessment Center (IAC)
- Engineering faculty, graduate and undergraduate students working in the area of Industrial Energy Management, Productivity Enhancement, and Waste Minimization Opportunities
- Funded by the U.S. Department of Energy
- One of 26 IAC's located nationwide

**WHAT WE PROVIDE**
- Energy use, productivity, and waste reduction assessments at **NO COST** to you
- A year-long relationship with client
- In-plant surveys to measure energy efficiency and waste reduction opportunities
- A technical report which includes:
  - expected savings
  - detailed technical calculations
  - implementation costs
  - payback calculations

**COMPANY ELIGIBILITY**
We serve small and medium-sized manufacturing plants which must meet three of the following criteria:
- Have gross annual sales of $100 million or less
- Annual energy cost ranging from $100,000 to $2.5 million
- Employ fewer than 500 employees
- Have no in-house energy expertise

**SAMPLES OF WHAT WE ANALYZE**

**Energy Savings Measures**
- Lighting and HVAC system retrofits
- Heat recovery applications
- Compressed air leaks survey
- Motor upgrades

**Productivity Enhancement Measures**
- Bottleneck mitigation
- Labor optimization
- Raw materials cost reduction

**Waste Minimization Measures**
- Process changes
- Recycling programs
- Solvent alternatives

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**INFORMATION REQUIRED FROM THE COMPANY**

**ESSENTIAL BILLING INFORMATION**
Photocopies of the following original bills for a recent 12-month period. Please copy the back side of at least one bill if it contains an explanation of billing charges.
- Electricity and Natural Gas (bills should include usage, costs, taxes, and any demand and power factor charges for all meters)
- Water and Sewer (including costs, usage, penalties, etc.)
- Wastes (landfill, hazardous waste fees, hauling, etc.)

**HELPFUL IF AVAILABLE**
- Equipment List - List showing major energy users in your process, their power ratings, and uses in the plant.
- Process-Flow Diagram - Diagram following flow of materials through production.
- Plant Layout - A clipboard sized copy of the building layout.
- Product Literature and/or Company Brochures
- List of Concerns - A list of ideas and areas of concern you or members of your staff may have regarding issues of energy conservation, waste reduction, or productivity.