O H I O

Office Locations:
Columbus, Lima, Mansfield, Toledo

EISC, Inc. Serves the greater Northwest Ohio area through its headquarters in Toledo. As one of Ohio's seven Thomas Edison Program Technology Centers, EISC also possesses a special strength in food processing through an association with the Center for Innovative Food Technology (CIFT), an EISC affiliate that is national in scope. Contact: Charles P. Alter, 2600 Dorr Street, Toledo, OH 43607, (419) 535-6000, Fax: (419) 531-8465, Email: charles.alter@eisc.org, Website: http://www.eisc.org/

COMPANY CLIPS

Carlisle Engineered Products Takes Environmental Compliance To A New Level

Carlisle Engineered Products (CEP) is a custom molder and extruder of rubber and plastic products, primarily for the original equipment manufacturing (OEM) automotive market. Established in 1953, CEP employs 350 people at its plant in Crestline. CEP's parent company, Carlisle Companies, Inc., is located in Charlotte, North Carolina.

As a supplier to General Motors, Ford Motors, and DaimlerChrysler, CEP knew that compliance with the ISO 14001 standard would become inevitable. The company took a proactive approach and contacted EISC, Inc., to help it obtain its ISO 14001 certification. A comprehensive and cost-effective storm water pollution prevention system that improved the quality of effluent from the company's oil/water separator and ensured compliance with federal permits topped CEP's priority list. The company is also striving to reduce electrical usage by 10 percent over the next two years by installing controls that keep injection-molding machines running at top efficiency.

EISC targeted CEP's cooling tower system, adjusting chemicals and including more environmentally friendly solutions in the mix. The result is less costly and more mindful of environmental impacts. The environmental management system (EMS) takes aim at the company's non-hazardous scrap production on a particular product line. To decrease the line's scrap waste, EISC studied packaging and handling procedures and implemented process controls. CEP also wanted to strive for paperless record keeping. EISC helped to integrate QS-9000 and ISO 14001 documents, storing everything electronically so as to make the data accessible to everyone in the company. Only one hard copy is kept as a backup.

Continued

THE MANUFACTURING EXTENSION PARTNERSHIP IN OHIO

Manufacturing Extension Partnership (MEP) is a nationwide system of services and support for smaller manufacturers to become more globally competitive. At the heart of the system is a network of affiliated, locally-based manufacturing extension centers. Each center, like EISC, is a partnership, typically involving federal, state, and local governments; industry; educational institutions; and other sources of expertise, information and funding support.

STATE STATS

DATA* COVERS JANUARY TO DECEMBER 2001

Number of projects completed with firms
886

Number of firms served
501

Number of firms served for the first time
96

Federal cost share for current operating year
$596,900

State/other cost share for current operating year
$1,193,800

**Data as reported from center*

DATA** COVERS JANUARY TO DECEMBER 2001

Increased sales & retained sales
$12,624,100

Client capital investment
$15,407,100

Total cost savings
$1,195,500

Jobs (created & retained)
247

***Source: Independent client impact survey*

For additional information, contact Dede McMahon 301-975-5020

Carlisle Engineered Products received its ISO 14001 certification in November 2001 and successfully completed its first NSF audit. The company now produces 50 percent less scrap on a key product line and uses less electricity. The company's effluent is cleaner, and its chiller system uses environmentally friendly chemicals. Even the light bulbs containing mercury are recycled.

Never Stop Learning: Fiske Brothers Thriving After 130 Years

Fiske Brothers Refining Company manufactures and distributes lubricating grease and oil products for the industrial, automotive, food and beverage, and pharmaceutical industries. Its facilities—in Toledo, Ohio and Newark, New Jersey—employ less than 100 people. After 130 years, Fiske Brothers knows that a business has to be adaptable, responsive, progressive, and well informed. Fiske Brothers opened its doors in 1871 in a world with no automobiles, typewriters or telephones. Today, Fiske is registered in the most progressive quality standards currently accepted in the industry: QS 9000, ISO 9001, and it is pursuing ISO 14001. The company also is implementing lean manufacturing techniques within its operations and exploring eBusiness strategies.

In 1999, a quality system surveillance audit by Fiske's registrar revealed nonconforming procedures in element 4.2–Advanced Product Quality Planning and Control Plans. Quality Manager Jacki Dusza engaged EISC, Inc. to revise and streamline the portion of the plans and processes that had failed the audit.

EISC team members conducted an ISO gap analysis to address the problem. The company applied lean techniques to solve the issue and regain compliance. Fiske Brothers sent teams of associates to EISC for Lean 101 and ISO 14001 internal auditor training. Once trained in the auditing procedure, Fiske Brothers employees identified the steam leaks that had not passed the audit and repaired the boiler system. This simple repair reduced the company's natural gas costs by $20,000 per year. The employees also decided to stagger motor starts throughout the day, thereby decreasing Fiske Brothers' monthly energy costs. By teaching employees to think like auditors, EISC helped the company bring operations back into compliance with ISO standards and improve operations to save costs.

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