

**APRIL 2009**

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## **TECHNOS** *HOT TIP #17*

### **Emergency Repairs**

Unscheduled equipment downtime can cause serious problems with production delays and high downtime costs. Knowing a company that can respond quickly and complete repairs rapidly can save valuable time and money. A company with trained field crews and fully equipped service trucks can perform emergency repairs more quickly and safely.



### *Large Guillotine Dampers Built at Technos*

Technos Corporation recently completed a large order of dampers for a North American steel mill. The project included the fabrication of four main air baghouse fan dampers and four reverse air fan dampers. These “no-leak” dampers included seal air fans and motorized actuators and were all successfully tested at the Texas facility under the watchful eyes of the customer representatives.



# TECHNOS Monthly

Fan Engineering, Manufacturing, Repair, and Installation.

**TECHNOS: Your Single Source Supplier!**

## ENGINEERING SUPPORT

Our Engineering Department has the expertise to perform the most thorough analysis using cutting-edge computer technology.

- Natural Frequency Testing
- Finite Element Analysis (FEA)
- Shaft Critical Prediction
- Wear Control Improvements
- Metallurgical Analysis

## FIELD SERVICE DEPARTMENT

- Emergency Repairs
- Laser Alignment
- Field Balancing
- Wheel Replacement
- Bearing Repairs
- Epoxy Grouting
- Liner Installation

## PRODUCTS AVAILABLE

- Complete Custom Fan Assemblies
- Chrome Carbide Liners
- Dampers
- Expansion Joints
- OEM Projects
- Fan Housings
- Spare Wheels
- Screw Conveyors
- Coal Hoppers
- Shaft Seals
- Separators
- Shafts
- Classifiers
- Ducting



This new butterfly damper was fabricated at our Alabama facility for use at the same North American steel mill. The butterfly damper included a modulating actuator which was tested for proper operation before shipping.

Our Alabama shop is fully equipped for fan equipment fabrication and the staff includes experienced field crews with service vehicles to handle emergencies whenever needed.

## Technos Capabilities

In Texas, Technos Corporation Fan Services is located on 10 acres five miles northeast of San Antonio with two large state-of-the-art facilities fully equipped with multiple welding machines, CNC cutting machine, positioners, lathes, press brake, mills, and precision balancing equipment. Our Technos facility in Alabama is located in Bessemer and is equipped to handle all of your fan manufacturing and repair needs as well.

Technos Corporation Fan Services has the expertise to design, fabricate, and install all types of industrial fans; including wheels, shafts, housings, dampers, expansion joints, and wear-resistant liners specifically designed for your requirements.

Technos Corporation Fan Services field crews are full-time employees certified and trained in all phases of fan repairs and safe installation. We respond to your emergencies and work safely to complete the job. Technos Corporation Fan Services never uses any temporary laborers.

Technos Corporation Fan Services offers the most competitive in-shop and field service rates in this business and we are ready to fulfill all of your industrial fan needs, 24 hours a day, 7 days a week.



### **Recipe of the Month: TECHNOS Tailgate Chili**

Sear 4 lbs. ground meat with 1 chopped onion and 6 cloves chopped garlic in 2 tablespoons corn oil. Then add 1 teaspoon oregano, 1 teaspoon comino, 6 teaspoons chili powder, 2 teaspoons crushed red pepper, 2 cans Rotel Original, and 2 cups hot water. Bring to boil, lower heat, and simmer for two hours.

**TECHNOS** Tailgate Chili is perfect for any season!