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CONTACT INFORMATION

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TECHNOS HOT TIP #16

Turnkey Benefits

A single supplier to provide turnkey projects saves time and money. From the project's inception to the start-up and commissioning of the equipment, the full responsibility of the installation and supervision is under one vendor. The benefits also include better control over cost and simpler contractual agreements.



Technos Turnkey Project: New Baghouse Fans

Technos Corporation recently completed a turnkey project at a North American steel mill. The project included the fabrication and installation of four main air baghouse fans and two reverse air fans. The motors, expansion joints, inlet and outlet dampers, bearings, and couplings were all included in the order.

It took fourteen trucks to deliver all of the material to the jobsite where our field crews quickly took over the installation process. The baghouse is scheduled to be online in the later part of 2009.



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
- Kiln Seals
- Classifiers
- Ducting



Technos Turnkey Project: Kiln ID Fan

A new kiln ID fan and shaft were recently fabricated in our facility and installed at a cement plant in Missouri. The fan was made with A514E plate to withstand the higher tensional stresses and the 1/4 + 1/8 chrome carbide blade and web liners were designed to resist the typical abrasion seen in the dusty airstream. The 15-foot long shaft with a 48" integral hub was machined from a 4140 forging.

After installation the field crew remained onsite for start-up. The fan started smoothly and did not require field balancing. Great job, guys!

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.