

TECHNOS Monthly

Fan Engineering, Manufacturing, Repair, and Installation.

TECHNOS: Your Single Source Supplier!

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TECHNOS *HOT TIP #15*

Pre-outage Inspection

Equipment inspections performed just prior to a scheduled shutdown can help identify worn or damaged components, out of tolerance conditions, and other potential problems. These inspections include vibration signatures, material thickness measurements, analyzing wear patterns, alignment checks, bearing examination, performing bolt torque tests, and checking for coolant or oil leaks and puddles. After examining all inspection reports, a complete and comprehensive list of necessary repairs can be made for a successful shutdown.



Technos Corporation Fan Services: More than just a Fan Company!

While fans are our specialty here at Technos Corporation, we also fabricate or repair other components as well. Having a large welding and fabrication facility and fully equipped machine shop allows us the opportunity to work on all different kinds of equipment. Our Technos Motto, "If it's made of metal, we can do it!"



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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



Technos Fabricates Ducting of All Sizes and Shapes

Our experienced engineers and draftsmen develop the duct layout and use state of the art profile and nesting software to create designs that ensure the most cost-effective and reliable solution. Many types of industrial ductwork are fabricated in carbon steel, stainless steel, and corrosion/wear resistant alloys using cutting edge CAD design software and automated plasma processing. Our directly employed and highly experienced field crews ensure a safe and professional installation.

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.



From the **TECHNOS** tailgate: *Texas Caviar*

Rinse and drain 3 cans of black eyed peas and drain one or two cans of Ro-Tel, depending on how hot you like your food. Mix together with one bunch of chopped green onions and the juice of three large limes or 8 small limes. Add a pinch of salt and pepper to taste.

Now enjoy with your favorite corn chips or tortilla chips!