

# SPARE TIMES



## TOP YEAR END REMINDERS FOR SERVICE

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As 2009 begins to wind down, most of us ask ourselves, "where has the year gone?" Perhaps in that time, some maintenance items may have slipped by while trying to boost business through the year. Below are some of the top maintenance areas for your Ventilex system to help take you into a prosperous new year:



**VENTILEX FLUID BED DRYER**  
Drive Shaft, Bushings, Air Bellow

- **Check the bolts/spring washers on the inlet side of the dryer.**
  - ⇒ This is a really important one! Typically referred to as the "sliders", these are the connections that fasten the bottom of the dryer to the shaking frame. They must be tightened properly to allow the dryer to expand as it heats up. If not allowed to expand properly, and in the correct direction, it puts undue force and pressure on other points of the system and could cause catastrophic and expensive damage.
- **Check your fan impellers, especially your exhaust fan.**
  - ⇒ Dust will inherently get into the air stream, even in small quantities. Always keep an eye on the condition of the fans so they can continue to operate a full capacity.
- **Check your Filter Baghouse/Cyclone.**
  - ⇒ A good precursor to checking your fans, will be to make certain your filter is operating as it should, as well as your filter bags are not worn or broken. This will cause problems down the air stream, as well as decrease the life of your filter.
- **Check the drive system; bushings, bearings, driveshaft.**
  - ⇒ Make sure all bushings are pivoting easily, as well as the bearings are lubed properly. Check the frame to make sure there are no issues or wear.
- **Check all flexible connectors**
  - ⇒ Flexible connectors sometimes see the most wear. If they haven't been checked in a while, have a look and make sure they don't need replaced soon or immediately.
- **Check instrumentation**
  - ⇒ Make sure all instrumentation and wiring are working, reading, and signaling properly. This goes for both the dryer and the burner. The less time spent in the impending cold to have to change instruments and/or reinstall cabling/wiring the better!
- **Check Structures**
  - ⇒ Make certain to check all common wear areas for signs of abrasion, wear, or in serious cases, cracks. Dryer legs are apt to see stress if the sliders and bolts are not maintained properly. Also hood structures should be checked regularly, especially if your product is a particularly abrasive.

This is a short list of the most common areas to check on your Ventilex System. Several of our customers are looking at yearly scheduled shutdowns for plant maintenance. So as your detailed checklist continues through your regularly scheduled maintenance program, keeping your system well inspected and thoroughly maintained, will keep your holidays bright and give your new year a great start!

## SPARE PART SPOTLIGHT OF THE MONTH



### FILTERBAGS

Every Ventilex System generally has some sort of filtration in place. Whether it is a Baghouse, cyclone, scrubber, or a combination, most are familiar with this part of the process.

This month's focus is on replacement Filter bags. It is every operator or maintenance personnel's favorite job to replace filter bags, and it must be done. Occasionally filter bags will wear and need to be replaced. Without proper replacement, product will inevitably make its way to the upper house chamber and could damage other areas of the filter. Particulate will also not be filtered properly allowing it to surge downstream of the baghouse and negatively affect downstream ductwork and/or equipment.

From now until the end of 2009, Ventilex has special pricing on 4000mm bags. If your baghouse uses this length bag, please contact Bill Powers at (513) 874-4451, and you can take advantage of special discounted pricing on these bags.



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Questions or comments? E-mail us at [info@ventilex.net](mailto:info@ventilex.net) or call (513) 874-4451