

Customer Technical Information Bulletin #3

Safe and Efficient Operation of Coe Dry Kiln Fans Important Information for All Manufacturing/Maintenance Personnel

Dear Valued Customer:

At Coe, we are continually striving for safety in the work place. In doing so, we would like to share with you some important basic safety reminders to insure safety during kiln operation. The greatest dangers inherent in a Dry Kiln Fan System are:

- That of fingers and hands or loose clothing being drawn into the fan
- Injury from a fan being energized while performing maintenance

You must always be conscious of these elements.

Damage To Fan System

If any changes capable of impairing safety are observed in a fan or its mode of operation, such as malfunction, faults or changes in the fan or components, appropriate steps must be taken immediately, the fan shut down and the fault reported to the person responsible.

The fan must be examined for obvious damage and defects at least once per shift. Any damage found must be corrected by authorized personnel.

Operator and Millwright Tools

Always know where your tools are when working on a fan, make a mental note of all the tools that were being used and where they are around the fan. After work is completed, return all tools to their respective areas and inspect fan throughout for any tools left behind before removing safety padlocks from disconnects. Tools that are left near a fan can cause serious injury to personnel and can and may damage a number of fans.

Safe Operation

Fan may only be operated when in perfect working order.

Machine Faults

Fans must be switched off and allowed to come to a standstill and secured against accidental restart before starting to correct any faults.

Lockout/Tag out Procedure

The primary purpose of the Lockout/Tag out procedure is to protect personnel from injury caused by unexpected energization or startup of equipment. It is the employer's responsibility to implement control procedures. Use this procedure before

- Doing any maintenance, service and repair work
- Including any lubrication and cleaning

All authorized personnel performing above procedures must attach their own padlock to the master switch simultaneously so they can carry out their work safely.

Clothing, Jewelry, Protective Equipment

Long loose hair, loose fitting clothes, gloves and jewelry, including rings, must be avoided in order to avoid injuries such as being caught, drawn in and wound up inside the fans. Always wear suitable, approved personal protective equipment such as

- Ear protection
- Dust mask
- Safety boots
- Safety glasses

when working on or with the Dry Kiln Fans.

Protective Gloves

Wear protective gloves when handling tools, fan blades and motors.

Safety Glasses and Goggles

Always wear approved safety glasses and goggles

- When the fans are running
- And in areas where they are mandated

Oils, Lubricants, Chemicals

Note the applicable safety regulations for the product

- Know MSDS sheets for specified products
- Store in proper containers and approved locations
- Never use explosive substances in vicinity of fans and motors.

Fire Hazards

Smoking and open flames are prohibited in the production area due to the risk of fire and explosions. Welding work that must be done by authorized personnel must employ mill and fire-watch procedures and guidelines. Chips and wood dust must be removed from the fan area at normal intervals to prevent accumulation.

Clear Working Area

A clear working area without any obstructions is essential for the safe operation of the Dry Kiln Fans. The fan deck must be level and clean, without debris and lubricants.

**To be safe and sure, use *only*
Genuine Coe™ Original Manufactured Parts**

Please visit our website often, www.coemfg.com, for news about new product and service offerings, promotions and training. For other Customer Support needs, contact us through our 24/7 Customer Support Hotline at 503.268.4093.