

Customer Technical Information Bulletin #4

Safe and Efficient Operation of Coe Dry Kiln Steam Systems 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 in your kiln operation. The greatest dangers inherent in Steam Systems are:

- Of being burnt by a hot pipe
- Of being seriously burnt by hot steam impinging on maintenance personnel during maintenance

You must always be conscious of these elements.

Damage To Steam System

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

The Steam System 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 the Steam System, make a mental note of all the tools that were being used and where they are around the system. After work is completed, return all tools to their respective areas and inspect the Steam System throughout for any tools left behind before removing safety padlocks. Tools that are left near a Steam System can cause serious injury to personnel.

Safe Operation

The Steam System may only be operated when in perfect working order.

Machine Faults

The shutoff valves on a Steam System must be turned off and secured against accidentally being turned on 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 opening of shutoff valves. It is the employer's responsibility to implement control procedures. Use this procedure before

- Doing any maintenance, service and repair work
- Performing any cleaning around the Steam System

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

The shutoff valves must be chained up with a light chain so that the handles cannot be turned by anyone during the maintenance period. Once the chain is in place, it must be padlocked.

Protective Equipment

Always wear suitable, approved personal protective equipment such as

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

when working on the Steam System.

Protective Gloves

Wear protective gloves when handling tools, valves and piping components.

Safety Glasses and Goggles

Always wear approved safety glasses and goggles

- When the Steam System is in operation, and
- In areas where they are mandated

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 Steam System 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 Steam System.

**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.