

# Safety Inspections Reduces Boiler Risks for Pharmaceutical Company

## Application Note

### Challenge

A Fortune 100 pharmaceutical company contacted Honeywell Combustion Safety following the completion of a risk assessment. Two strategies were identified that would help to save lives, reduce costs and prevent explosions and outages.

### Solution

Collaborating with Honeywell, the team developed and implemented training and inspection programs at the company's 1 million+ square foot manufacturing facility, which used three packaged boilers to generate steam for various processes. During the inspection, Honeywell identified combustion safety deficiencies in the following categories:

- Fuel Control Risks
- Human Factor Risks
- Equipment Maintenance
- Safety Component Function & Reliability

Of these discoveries, 10% were critical and required immediate resolution. Nearly 84% were regulated by national codes and industry standards.

The team also held a two-day boiler and combustion system-training course titled "Making Money and Saving Lives with Your Boiler". The boiler management section focused on operational efficiency and cost control tips. A second day featured hands-on testing techniques. During the combustion system hazards recognition session, one attendee identified and resolved an unsafe condition that had been overlooked for years.

### Benefit

The client received a detailed roadmap for pro-actively implementing repairs and building a safer combustion culture. Some of these tools included a prioritized list of findings, budgetary repair costs, referenced code justification and digital photos. Together with the customer, Honeywell developed and provided inspection and training services, and increased customer's awareness of safety risks.



## World Leader in Combustion Safety Services

With 30 years of industry experience, Honeywell Combustion Safety, formerly known as CEC Combustion Safety, is the world leader in managing and mitigating combustion equipment and fuel gas piping risk exposure. The company provides expert testing, inspection, training and engineering services for all types of fuel-fired systems across numerous industries throughout the world.

## National Code Committee Member

- **NFPA 85** - Boilers greater than 12.5 MM BTU/HR
- **NFPA 86** - Furnaces & Ovens
- **NFPA 87** - Fluid Heaters
- **NFPA 56** - Standard for fire & explosion prevention during cleaning & purging of flammable gas piping systems

## Facts and Figures

- Global service, engineering & upgrade capabilities
- Domain expertise with all types of fuel-fired systems across numerous industries
- 30,000+ fuel-fired systems inspected and safety tested
- SafeView - A unique online reporting system featuring a dashboard that trends and tracks issues, and empowers proactive decisions across one to 100+ facilities and thousands of fuel-fired systems
- Corporate-wide creation, implementation and management of safety programs
- Thousands trained annually with client-specific hazards, live-fire demos and online training
- Proven safety services to increase safety, reduce costs and increase reliability, efficiencies, and competitiveness while ensuring facility capacity

## Our Mission

To save lives and prevent explosions while increasing the efficiency and reliability of combustion equipment.

## For more information

Learn more about Honeywell Combustion Safety, contact [info@combustionsafety.com](mailto:info@combustionsafety.com), visit [www.combustionsafety.com](http://www.combustionsafety.com) or contact your Honeywell Sales Engineer.

## Honeywell Process Solutions

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