

Explosion Leads to Creation of Best-in-Class Safety Program

Application Note

“...the work with Honeywell Combustion Safety has been some of the best ever. They are a top tier organization with lots to look forward to...”

Challenge

A global manufacturer of paper and building materials had a minor explosion at one of their Southern U.S. plants. Honeywell Combustion Safety was contacted to test and inspect the site.

Solution

The manufacturer's executive team established a Combustion Champion who implemented Honeywell's corporate inspection program for all of their facilities. Honeywell experts performed burner tuning, testing and inspection services for 20 sites over a three to four month period. Safety items were identified on-site then entered into Honeywell's online reporting tool – “SafeView” – for plant managers and executives to track and manage the progress of each site issue. The success of the program inspired the organization to employ Honeywell for their corporate training needs as well as equipment upgrades from control panels to fuel trains, burners and more.

Benefit

Honeywell helped this global manufacturer make strides in their goal to become 100% compliant with NFPA 86 guidelines. Throughout five years of collaboration, critical equipment issues have decreased from hundreds of items to less than 50 for all 20 sites; over 37 combustion system upgrades have been completed; and hundreds of employees trained. The corporation also realized cost and fuel savings from decreased downtime for maintenance, reduced emissions, less unplanned shutdowns and better process control.



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, visit www.combustionsafety.com or contact your Honeywell Sales Engineer.

Honeywell Process Solutions

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