



Industry

Food & Beverage

Location

Santa Ana, CA

Services Used

Ductwork, Damper Fabrication, Install

CECO Branded Solutions

KB Duct, K&B, Effox, and Adwest



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Customer Information

Large Bakery in Southern CA

Running 24/7 Operation

Downtime was not an option

The Situation

Gold Coast Bakeries was notified that they needed to install an RTO unit by the South Coast Air Quality Management District (SCAQMD), the air pollution agency responsible for regulating stationary sources of air pollution in Southern California. By doing so, this would reduce the VOCs that were being released into the atmosphere from their bread ovens. Gold Coast Bakeries required a ductwork system design, fabrication, and installation to connect the oxidizer unit to the bread ovens' process exhaust.

The Challenge

The Gold Coast Bakeries plant only shuts down for a maximum of six hours every Friday. Because timing was critical, it was paramount for CECO to tie into seven existing oven exhaust stacks within the strict time frame. In addition, the ductwork design and fabrication were needed within two months of issuance of PO.

The Solution

CECO Kirk & Blum developed an "elbow cap" design that would allow for the installation crew to tap into the seven stacks during the shutdown period, and then continue the installation while Gold Coast's production commenced.

The CECO Advantage

Designing, packaging, and installing CECO Effox dampers with the CECO Adwest RTO and control logic helped provide a complete and customer solution that fit the customer's urgent needs in the timeframe they needed.

The Operational Results

- Accomplished Quick Timeframe
- Achieved Compliancy

The Environmental Benefits

- Reduced VOCs by ~504,000 lbs of ethanol p.a