



CSM

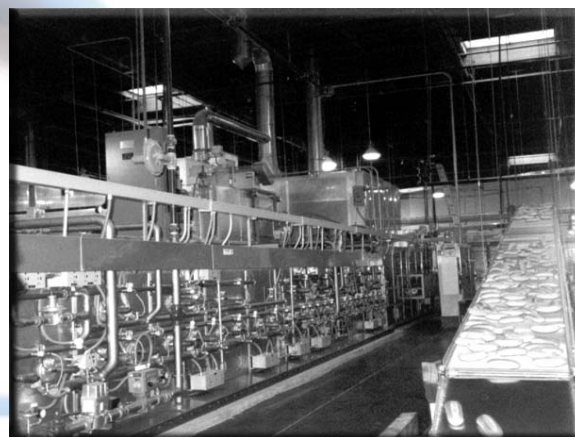
Worldwide

Pulver Genau Selects CSM

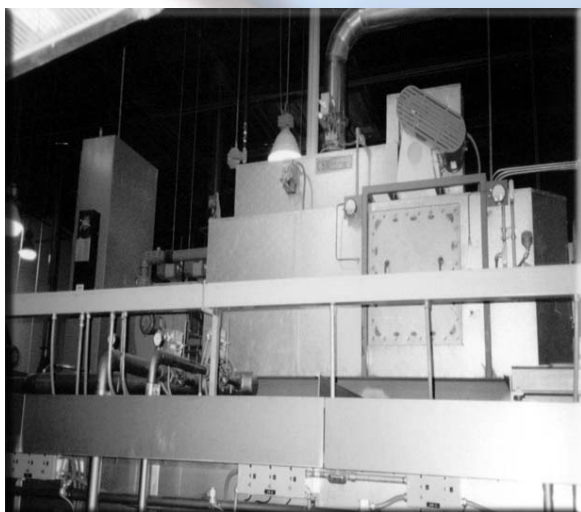
Worldwide for First-Time Project

When bakery oven manufacturer Pulver Genau selected CSM to implement a unique design that would revolutionize the baking industry, they turned to CSM to help implement their idea. The concept was simple: reclaim the heat generated in the catalytic oxidizer that controls oven emissions directly back to the oven as supplemental heat.

This first-of-a-kind project was slated for Gold Coast Baking in Santa Ana, CA. This integral design feature not only allowed Gold Coast to meet SCAQMD emission allowance



Pulver Genau bakery ovens in operation at commercial bakery in Santa Ana, California



The CSM Model 10B 1,000 SCFM unit on top of a Pulver Genau bakery oven

requirements, it also provided a total equipment package that would assure long term fuel savings as well. This unique design incorporated a CSM Model 10B, 1,000 SCFM catalytic oxidizer. Compact in design, additional expense was avoided because the unit was installed directly on top of the oven.

In addition to providing this integral oxidizer design and installation, Pulver Genau and CSM were able to expedite the project to meet a tight delivery schedule necessitated by Gold Coast's production requirements.

(Continued on Page 2)

Complete System Monitoring (csm.com) Pays off For Bestfoods

CSM's Complete Systems Monitoring (csm.com), instituted less than a year ago, has already paid off for Bestfoods at their Greenwich, CT bakery.

By remotely monitoring the operation of the oxidizer from CSM's New Jersey headquarters, a slight increase in bearing temperature was detected. Bestfoods was notified of the condition and through a thorough on-site investigation, it was discovered that the bearings were over lubricated, thus causing a heavy viscous glop which actually impeded the performance of the bearing and therefore causing it to run at a higher than normal temperature.

"Something like this would probably have gone undetected without the backup of the monitoring system, said Mike Carrouso, Chief Field Engineer for CSM. "The whole concept of Complete System Monitoring is to provide a service that will maximize uptime by detecting problems before they occur. By establishing standard operating conditions, deviations in performance are easily detected and corrected, thus avoiding costly breakdowns."

Pulver Genau_(Continued on Page 2)

"All in all, we are quite pleased with the entire project. Not only were we able to introduce a radically new technology, we did so in an unusually tight timeframe. With no time for design or engineering modifications, we had to deliver on time," according to Peter Genau, President of the oven manufacturer.

According to Jim McKee, sales manager for CSM's Bakery Division, "We appreciate the confidence Pulver Genau had in CSM to select us as the supplier of the oxidizer and moreso, knowing that we could work with them on this first-of-a-kind project. We all came out winners, especially our customer."

