



CASE STUDY

Signaling Solution for Schwebel's Baking Company

Protecting Man & Machine – creating a safer and more efficient workplace for large independent family-owned wholesale baker.

For over 100 years, the Schwebel Baking Company has been one of the fastest growing independent, family owned baking manufacturers in the United States. Known for a fresh, outstanding taste, and superior quality bread, the reputation of the company grew. The organization continues to instill pride in their product; meeting the nutritional and flavor requirements of customers they serve.

Since 1906, families across the United States have been asking for Schwebel's breads by name. Known for their fresh, outstanding taste, and superior quality bread; Schwebel's has maintained their strong reputation. They have grown into a company proud to serve customers with various bread product lines. Schwebel's produces more than 700,000 loaves of various breads at their four baking facilities and 30 distribution centers. Schwebel's provides various branded breads to retail and food service customers.

Challenges:

One of the most important aspects within any manufacturing plant is safety measures; protecting machinery and employees. Schwebel's and Pfannenberg had worked together previously, installing PWS Series Air/Water Heat Exchangers in their Make-up area. Once again, Schwebel's trusted Pfannenberg to perform a secondary plant survey as part of the Pfannenberg Advantage. The Pfannenberg Advantage is a value proposition that provides recommendations related to machine performance and solution issues.

Following the evaluation, it was determined that there were no alerting measures in place for Schwebel's loaf detection machine. Originally, Schwebel's would have had an operator inspecting the rejected loaves, but Pfannenberg saw an opportunity to alert the employee when there was a new rejected loaf.

How The Flashing Light Sounder Helped:

The Pfannenberg PA X 1-05 Flashing Light Sounder is attached to Schwebel's detecting machine. The alarm sounds and a light flashes anytime there's a defective loaf manufactured. Once it alerts, the detecting machine removes the rejected bread into a waste receiving area. Schwebel's implemented the Flashing Light Sounder and installed a time delay which would shut off the horn after a few seconds, but the light would continue flashing until an operator acknowledged it.



Pfannenberg PA X 1-05 100 dB Flashing Light Sounder attached to inspection machine

This solution solved the signaling confusion problem; increasing awareness of the operators related to quality control. The PA X 1-05 Flashing Light Sounder offers 80 different alarm tones with 4 different stages; providing separate control of the audible sounder and the visual flashing strobe. The sounders can operate in any climate (outdoor or indoor) and can be installed in less time than competitors systems.



Pfannenberg PAX-1 Flashing Light Sounder

The Conclusion:

Schwebel's decision to install the PAX 1-05 Flashing Light Sounder improved the quality control process; increasing the operational return. Pfannenberg is recognized as a leading manufacturer in the signaling technology sector due to its continuous product development and high quality standards. Implementation of our signaling solutions provides increased awareness for Schwebel's to each and every rejected loaf of bread. The PA X 1-05 Flashing Light Sounder increases awareness to defective loaf frequency, profit loss, quality measures, and time spent producing such rejected loafs.

The company's product, equipment, and employees are integral to Schwebel's operation. Schwebel's has spent many years building their strong reputation in the marketplace and with their customers; this is a top priority. They believe that investing in the best equipment will benefit their employees and bottom line of the organization. The Schwebel Baking Company relies on signaling devices from the PATROL series to support their manufacturing applications.



Pfanneneberg The PA X 1-05 Flashing Light Sounder in the inspection line

Summary

Pfannenberg products and solutions are designed to meet high quality requirements and operate in the harshest of conditions. Pfannenberg continues to strengthen its position as a leader in innovative industrial signaling devices with a high demand on quality along with the best value for money. Pfannenberg offers modern industrial alarms with visual and audible notifications to protect personnel and an organization most stringent processes.