



Poultry Processor Reduces Condemned Product by 80%, Saves \$1M in 12 Months

The Problem

A poultry processing company was looking for new technology that could detect contaminants like plastics, rubber, cardboard, and wood to ensure they were catching ANY foreign materials that appeared in the raw materials they received from their suppliers. Their Continuous Improvement Team sought a reliable solution to enhance food safety and reduce waste.

PPO's Solution

The company reached out to PPO for help. PPO proposed a Smart Imaging System in a Z-configuration, which is ideally suited to handle the company's products (mostly whole muscle and trims) and would allow for inspection of both sides of the product.

PPO also provided its data visualization application: PPO Insights. This program digitally documents every foreign material finding.

Today, the system is installed and configured in an inspection room at the plant. Two team members are assigned to the room to ensure that product is presented to PPO's system in a single layer and to inspect the rejected product.

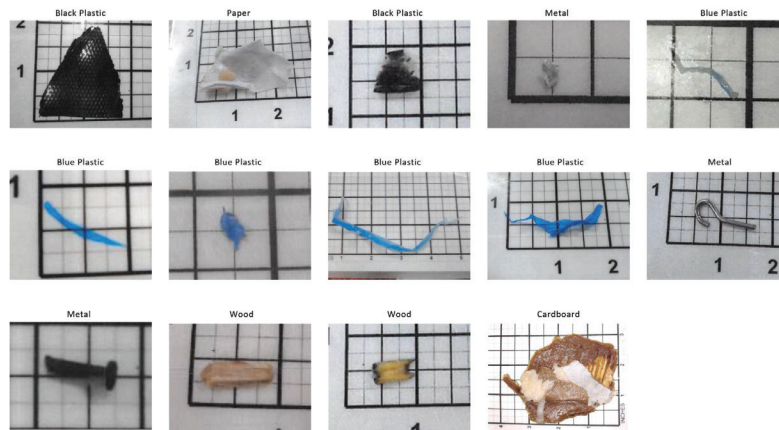
Incoming raw material is delivered to the room, where it is inspected by the PPO Smart Imaging System. When the PPO system detects a contaminant, the product is automatically removed from the line for further inspection and re-work. The inspected product is sent out to the rest of the plant for processing.

Foreign materials findings are recorded in PPO Insights and can easily be reviewed by an FSQA manager or a shift supervisor to see what's happening in real-time on the line. PPO Insights also supports vendor scoring and historical archiving of foreign material findings for the company.



Results

As a measure of success, the FSQA team tracked the number of finished good condemnments that were caused by actual/high risk of foreign material contamination. Within six months of installing a PPO Smart Imaging System, condemned products at the facility had been reduced by over 80%.



According to the company's Director of Continuous Improvement:

"The PPO system paid for itself in less than six months on this single metric. Over the first year of using the PPO system, the company saved over \$1M in reduced condemnments. PPO has delivered on their promises to us, and we're now looking at other ways to leverage PPO's solution."



For more information about how PPO's system could help you reduce foreign materials and improve quality in your plant, contact us today at sales@ppo.ca.