



SCORPION[®] Case Study: Locating the Source of Oven Fires

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READING THERMAL

Locating the Source of Oven Fires

Product: Breadsticks for a Snack Mix

Plant: Bakery in Mid-West U.S.

Problem: Product enters the oven oriented and evenly spaced on the belt. Somewhere in the oven, the product lifts off the belt, gets disoriented, and some falls off the belt. Product builds up in the second zone and causes oven fires.



What causes the product to lift off the belt?

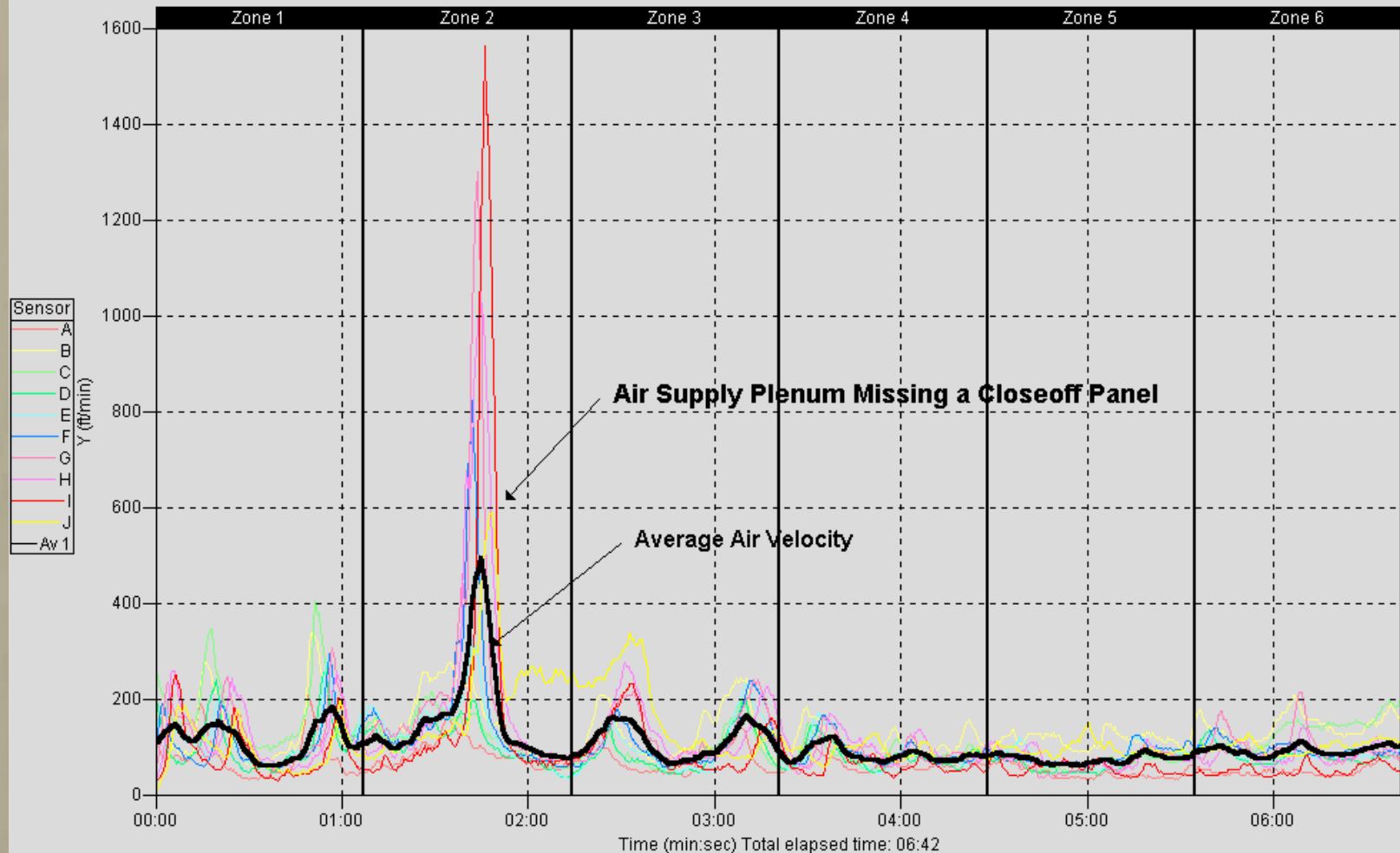


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Date: February 12, 1997
Time: 19:47
User: RPM

Air Velocity Graph

Process name:
Product name: Bread Sticks
File name: P:\Oven Air Flow with Velocity Spike.sv7



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Solution: Repair the Oven Plenum and test run product to determine if the air currents caused the disorientation of the product.

