



# SCORPION<sup>®</sup> Case Study: Increasing Oven Capacity

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# Increasing Oven Capacity



**Product:** Vanilla Wafers

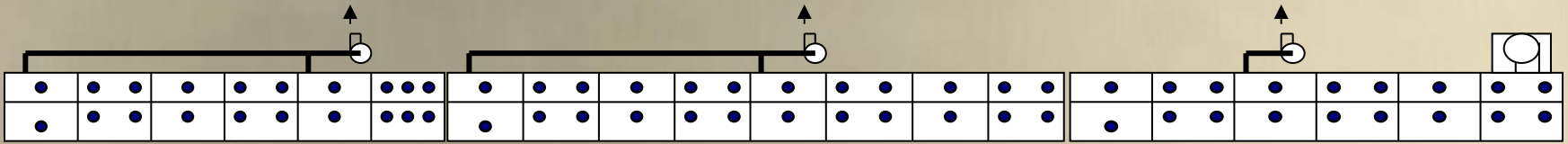
**Plant:** Two Plants in Canada

**Problem:** A company will close one plant and transfer all of the production to the remaining plant. The total production for the line, once the product is transferred, will be 115% of present capacity.

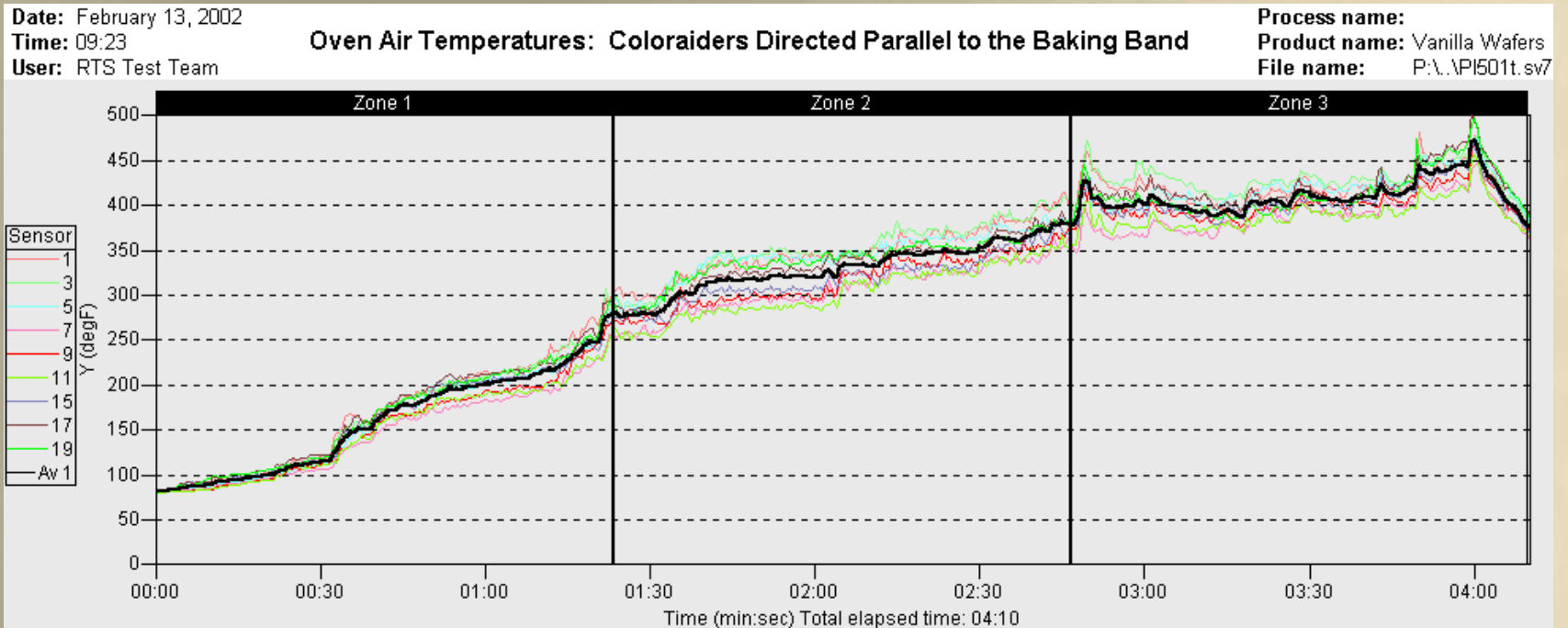
***Is the oven capable of producing a quality product at this increased rate?***



# Increasing Oven Capacity



3 Zone DGF: 48" wd x 120' long

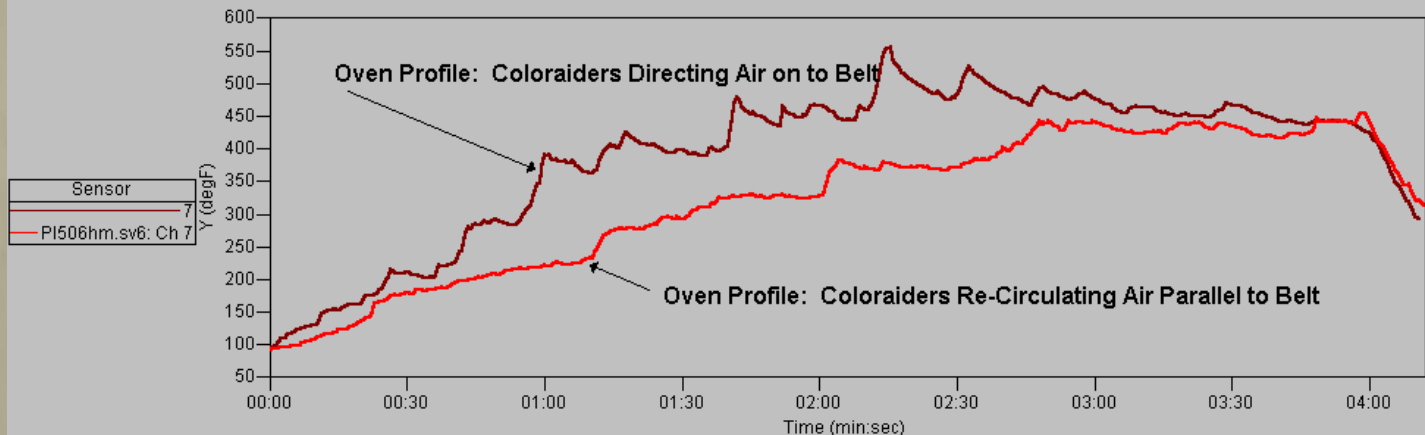


# Increasing Oven Capacity

Date: February 13, 2002  
Time: 12:28  
User: RTS Test Team

## Air Temperature Comparison: Coloraiders Directed at the Product

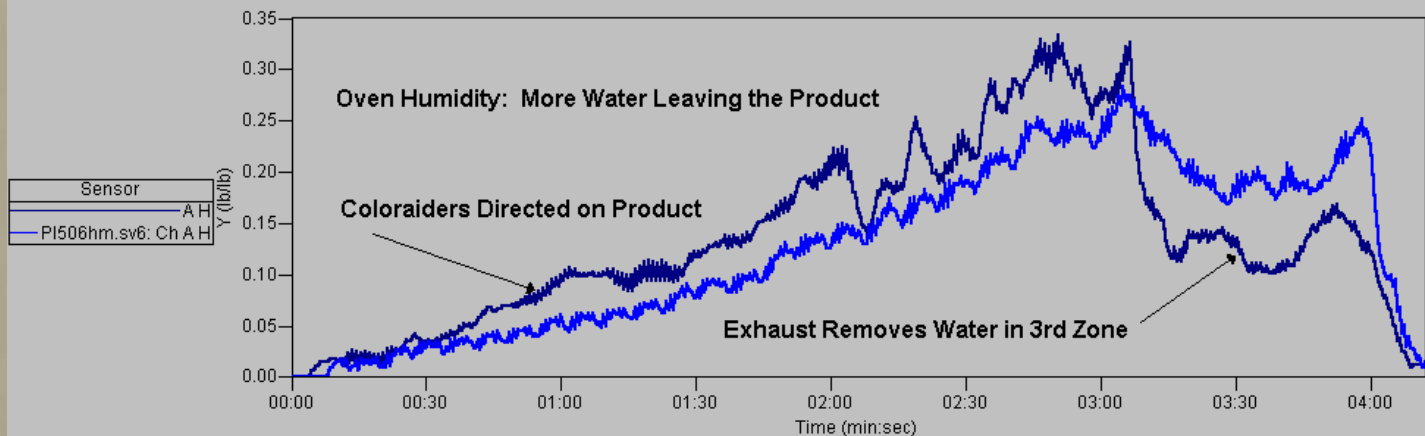
Process name:  
Product name: Vanilla Wafers  
File name: P:\X\PI507hm.sv6



Date: February 13, 2002  
Time: 12:28  
User: RTS Test Team

## Humidity Comparison: Coloraiders Directed at Product

Process name:  
Product name: Vanilla Wafers  
File name: P:\X\LN5 Temp Compare.sv7



# Increasing Oven Capacity

## Solution:

Use the Convection Energy of the Coloraiders to increase the baking capability of the oven. DGF burner firing rate actually was reduced. Production met the goal of increasing the capacity to 115% of the oven's original capacity.

