Reducing Variation in Spring Tension
Category: Total Productive Maintenance  |  Business: Process Industry  |  Lesson: #5  |  Author: Gary Rascoe

PROBLEM OR OPPORTUNITY
Variation in gripping pressure of springs creating an opportunity for a dropped piece to fall into this food processing company’s equipment.

COUNTERMEASURE
Worn springs (shown on left) creating variation on gripping pressure. Springs were replaced and a TPM process established.

RESULTS
Reduced variation of gripping pressure and less opportunity for a piece to be dropped which created a potential food safety issue.