Application: Snack Package Sealing

Prescale reduced sealing defects, enabling higher product quality. This led to the adoption of Prescale at all factories as a standard inspection tool.

Why did they introduce Prescale?

- The biggest issue was how to measure seal bar pressure. With Prescale it’s possible to visualize Sealing-Pressure.
- Trouble shooting has become easier and faster.
- Reduction of machine stops due to less testing and shorter setup times.
- Increase of machine lifetime due to lower process pressure and increase of process cycles.
- Reduction of sealing defects – improve the quality of their products

Case Study 01

Interview was done with

Mr. Ton Tanke
Group Packaging Expert
Intersnack Group GmbH & Co. KG

Country Overview of the 11 Intersnack Management Units

<table>
<thead>
<tr>
<th>Founded</th>
<th>Employees</th>
<th>Sales Volume</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>8.500</td>
<td>2.5 bil (2015)</td>
<td>potato chips, nuts, baked products and specialty snacks</td>
</tr>
</tbody>
</table>

Intersnack
Knabber-Gebäck GmbH & Co. KG

Their introduction

Intersnack

Fuji Digital Analysis System
for Prescale FPD-8010E

Application: Snack Package Sealing
How to use Prescale?

1. Place Prescale film between the sealing bars (LW or MS).
2. Scanning of pressure applied film with analyse software FPD-8010E.

Analysis result

Big advantage - measurement can be done under process condition. Sealing station doesn't need be cooled done.

What is their benefit by using Prescale?

- This will help you to improve seal integrity.
- Increase of machine lifetime due to lower pressure process and increase of process cycles.
- Reduction of sealing defects – improve the quality of their products.
- Standardisation of all processes in all European subsidiaries.
- One specification for all supplier.
- Documentation of all analyses and activities.

What is their future plan?

It is decided that the system must be bought and introduced in all factories.