

# PERFORMANCE PROOF

MANUFACTURER / WASTE REDUCTION / LARGE CORPORATION

## THE PERFORMANCE PROBLEM

PACCOR is a leading European packaging solutions provider. Its Standdaarbuiten facility in the Netherlands produces disposable polypropylene cups for the European beverage market. Performance Solutions by Milliken (PSbyM) was asked to help the site reduce waste losses.

## THE PERFORMANCE SOLUTION



Polypropylene product waste can be reprocessed back into pellets for extrusion, which contributed to an acceptance of waste at the plant. But poor waste-management controls also led to contaminated non-virgin product waste, which cannot be reprocessed, and went unchallenged. To change the plant's mindset, PSbyM practitioners outlined the concept of zero loss thinking, then focused on:

- Minimizing changeover losses (waste)
- Managing waste streams

## THE PERFORMANCE PRINCIPLES

The plant had a right-first-time performance of 66%, a 9% scrap loss, and changeover loss of 8%. To address this:

**A production schedule wheel was introduced to sequence manufacturing from light to dark product to reduce changeover scrap.**

**Visual Management was introduced to control rework.**

**The DMAIC (define, measure, analyze, improve, control) methodology was deployed for waste modes and reprocessing.**

## THE PERFORMANCE PROOF

The work of PSbyM at the Standdaarbuiten facility resulted in:

**33%**

increase for right-first-time performance

**72%**

decrease in changeover waste

**68%**

decrease in scrap



## THE PERFORMANCE FUTURE

To sustain performance improvements, a Daily Management System is crucial — because all countermeasures require ongoing monitoring and decision-making. Visual Management will inform associates of potential problems via efficient audits of waste management lanes and production schedules.

*By Ian Gabrielides, Advanced Practitioner, Performance Solutions by Milliken*

**Are you ready for your Performance Solution?**

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