



PRODUCTIVITY NOW FOR

Chemicals



Why QAD Redzone?

Enjoy sustainable **double-digit productivity improvements** that increase revenue and margins – without adding people or equipment.

Dramatically **reduce worker turnover** with an engaged workforce, energized to excel, by transforming into a more collaborative, more engaged team.

Create a lean manufacturing culture with **ongoing continuous improvement** driven by shop floor ownership.

Benefits for Chemical Manufacturers:

- Increase competitiveness by significantly increasing productivity in just 90 days to overcome tight margins.
- Improve safety and compliance by digitizing paper-based processes for quicker, more impactful audits.
- Keep volumes and machine reliability high with reduced unplanned downtime by engaging operators to become more intimately involved in maintaining their equipment.
- Dramatically shorten changeovers and other planned downtime with easy to access stand operating procedures (SOP's) right at the operators' fingertips.
- Become more action-oriented with action management and kaizen events to eliminate annoying issues that continuously drain your productivity.
- More easily manage raw materials with statistical process control (SPC) and analytics to reduce waste.
- Minimize IT burden and wet environment risks, with secure cloud technology and off-the-shelf automation hardware.



Chemical Manufacturers in the QAD Redzone Community



As Benchmarked

To assess the effectiveness of the QAD Redzone Connected Workforce Solution, a benchmark study is conducted against the QAD Redzone 90-Day productivity program every other year. The analysis compares baseline OEE to the resulting OEE uplift after 90 days and presents the resulting productivity improvement.

All QAD Redzone community members demonstrate OEE uplifts in 90 days. Sophisticated, global manufacturers can expect double-digit increases while smaller, less mature factories enjoy >30% OEE uplifts.



The average 14pt OEE uplift with an associated 29% productivity improvement across the entire sample means that users can enjoy additional capacity without adding resources or reduce costs without increasing output.

Perhaps the most impactful—but immeasurable—outcome has been the cultural phenomenon that resulted from improved communication across the factories considered in this study.



Chemicals Benchmark

Below is a data extract of the results achieved by chemical manufacturers:

Chemicals Results

New Starting OEE	50.2pts
90-Day OEE Uplift	51.8pts
90-Day Productivity Improvements	31%

“Nuco had a great culture to begin with, but I’ve got to say that Redzone has exemplified that. We’ve grown stronger as a team because we have been able to align around a common goal.”

Jason Nelson
General Manager, Nuco Inc.