

Synergex™ Improves Micro Results

while eliminating post-sanitizer rinse

Solution Story

CHALLENGE

A large brewery wanted to eliminate chlorine sanitizing in fermenters and lines, because it damaged equipment and increased effluent expenses. The plant also followed common industry practice of rinsing after sanitizing to protect the beer from oxidation.

SOLUTION

The brewery and Ecolab partnered to review peracid safety and handling together. They completed a small scale test with Synergex to provide beer samples for a flavor panel for approval. A full implementation of Synergex with conductivity followed. After one month on the program, the positive results gave the plant confidence to eliminate the post-sanitizer rinse.

RESULTS



SAVED
296
hours/year
(6 hours/week)



Microbial data
20%
(estimated)



46% = SAVING
110,739 hl/year



SAVED
\$45,000
capital on
vent hood



Annual
Acid Cleaning
Process
ELIMINATED



REDUCED
chlorine
effluent
to drain

IMPROVED safety by implementing Quick Connect
No **FLAVOR IMPACT** detected by test panel