



Danish Clean Water



TUNNEL PASTEURIZER INSTALLATION

The Installation: a tunnel pasteurizer of a brewery



The Problem:

BEFORE picture – Dirt, bio-film and a bad smell.



AFTER picture – after two weeks of Neuthox dosing 1:1000, no dirt and bio-film. A nice and fresh smell was a extra bonus!



Before - picture - inside in the machine



After - picture

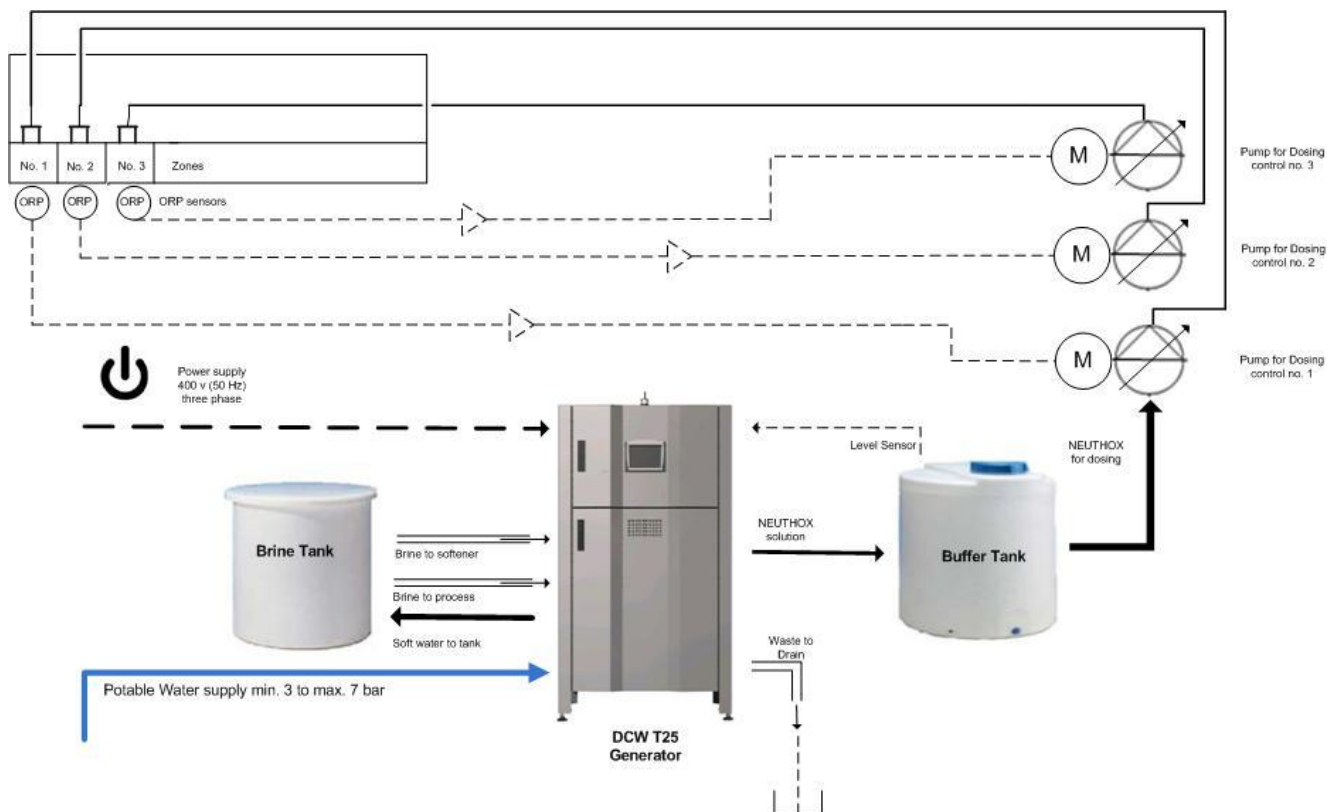


The Solution:

A 250 liter generator of Neuthox was employed to solve the problem. The installation included the salt and buffer tank with a dosing pump controlled by an ORP (REDOX) sensor.

Configuration

Multi-zone ORP sensor controlled layout

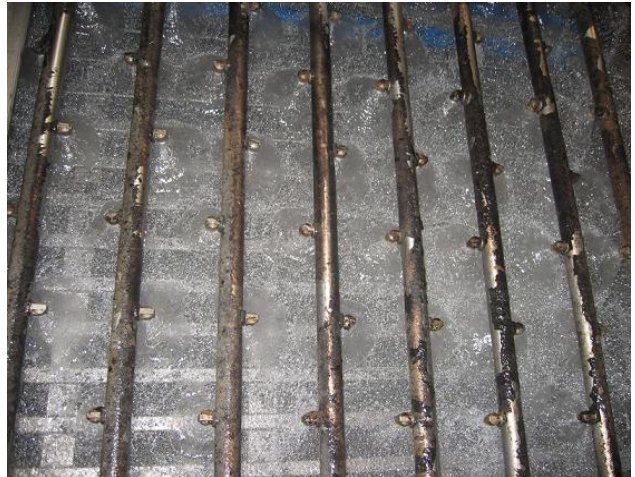


The Results:

Before



After



After pictures



The Benefits:

- **Safety**
 - no need to mix or dilute hazardous chemicals
 - environmental friendly solution
- **Efficiency**
 - elimination of bio-films and inactivation of pathogenic microorganisms including Legionella species, and nil or low bacteria counts
 - creates a longer-lasting residual than traditional chlorination, often at a lower dosage
 - right dosage, no more no less – corrosion is reduced
- **Cost reducing**
 - the system is fully automatic and only requires minimal operator attention
 - no need for transport, handling or storage of chlorine gas or hypochlorite
 - energy savings / do not have to heat up

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