

Hatchery Saves More Than US\$1,300 a Month with On-Site Generation System

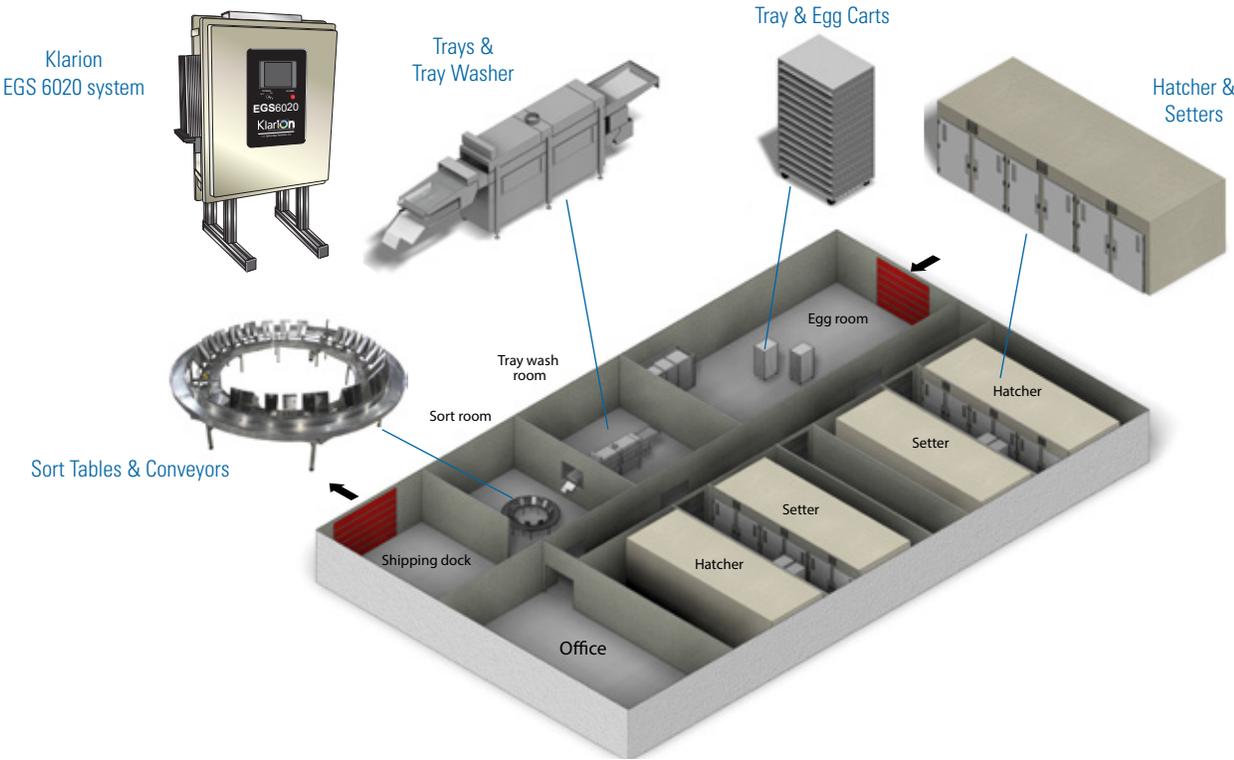


Problem:

A large chicken hatchery was using traditional chemicals to clean and sanitize egg trays and other equipment. Concentrated chemicals in 55-gallon (208-liter) drums required special storage space and dilution prior to use. Costly personal protective equipment (PPE) was required for workers diluting and using the chemicals. Worker morale was low due to the chemical exposure and the discomfort caused by wearing PPE. In addition, the chemicals required extra handling for disposal to prevent ground and wastewater plant contamination.

Solution:

A Klarion™ EGS 6020 system now produces safer cleaning chemicals on-site and on demand. Using electricity, salt and soft water, the system produces a sodium hydroxide cleaner and a hypochlorous acid sanitizer in ready-to-use concentrations. The solutions are as effective as the harsh chemicals used previously but are non-irritating to eyes and skin and are fragrance free. PPE is no longer required and the solutions are drain and disposal safe.





Hatchery Saves More Than US\$1,300 a Month with On-Site Generation System – Continued

Results:

The hatchery is now cleaning its equipment and facility with the safer cleaner and sanitizer produced by the Klarion™ EGS 6020 system and achieving its high standards for cleanliness. Producing the solutions on-demand in ready-to-use concentrations has eliminated the need for special handling, storage and disposal of chemicals. Worker safety and morale has improved since personal protective equipment (PPE) is no longer required and the risk of chemical burns has been eliminated. The hatchery is saving more than US\$1,300 per month on chemical costs, wastewater disposal, PPE and worker health issues.

A CLOSER LOOK AT THE SYSTEM

The Klarion EGS 6020 system uses electro-chemical activation (ECA) technology to produce a powerful cleaner and sanitizer using just high purity salt, water and electricity. The compact system is installed in the user's facility. Solutions are produced on-demand, in ready-to-use concentrations. There is no capital expenditure required. Users pay based on the volume of solution produced.



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