

Water Smart Technology® 2017 Incorporates

EcoTex Advanced Laundry Oxidation System



BCINDUSTRIAL
Cleaning Through Chemistry



These are very real cost-increasing facts



Energy costs are going up.

Water rates are going up.

Labor costs are going up.

Even the cost of replacing linens is going up.

With an EcoTex laundry oxidation system, you have a solidly-engineered and proven way to cut all of these costs. Dramatically.



BCI
PROFESSIONAL
800.577.6202 • www.BCIchem.com

These are very real cost-reduction results



The following are actual cost-reduction figures for a 104-room hotel that averages 20 loads of laundry a day using two 80-lb. washers and two 120-lb. dryers.



		TRADITIONAL CYCLE	ECOTEX O ₃ CYCLE
Water	Avg. Cost/Load Cost/Yr	\$1.69 \$11,695.10	\$1.25 \$8,626.18
Electric	Avg. Cost/Load Cost/Yr	\$0.21 \$1,484.42	\$0.15 \$1,033.48
Hot Water Energy	Avg. Cost/Load Cost/Yr	\$0.77 \$5,328.26	\$0.15 \$1,017.28
Labor Efficiency	Avg. Cost/Load Cost/Yr	\$4.92 \$33,984.00	\$3.00 \$27,187.00
Total		\$52,491.78	\$37,863.94

\$14,628 of laundry cost reductions a year

by a small hotel using EcoTex. And this is the just beginning of the EcoTex advantage.

Turn the page and begin to discover how EcoTex is the Cold Water Catalyst for dramatic results.

EcoTex Compliance in Health Care Industry

As the industry leader in ozone manufacturing, EcoTex has taken a leading role in understanding the needs of the Ozone Laundry Market. A major topic is the compliance of ozone laundry in relation to the health care regulation, title 42. We are happy to announce, effective immediately the formal recognition of ozone's use in laundry sanitation by the Centers for Medicare & Medicaid Services and the CDC. Below you will find a brief outline of the principal agencies that set forth the regulations of the washing process in health care industry and a link to the CMS site.

Who are the agencies



CMS; Centers for Medicare & Medicaid Services (National). CMS is a federal agency that creates health care regulations for Title 42. Title 42 is the framework for all individuals providing medical care i.e. Hospital, Skilled Nursing Facilities.



CDC; Center of Disease Control and Prevention (National). CDC creates recommendations and standards for other agencies to use, including CMS. Although CDC does not have any direct regulation authority, it does produce the standards followed by CMS.



DHS or DHCS; Department of Health Services or Department of Health Care Services (State). DHS/DHCS are the enforcement agencies within each state that ensures that standards set forth in title 42 are met. Each state can create its own variations or personalized standards. Please be sure to check with your local agency to assure no additional standards are in place

The overall policy-setting agency is CMS. In a recent all state memo issued by CMS, Ref: S&C: 13-09-NH, CMS has recognized ozone cleaning systems as an acceptable method of processing laundry.

<http://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-13-09.pdf>

“Ozone cleaning systems. Ozone laundry cleaning systems are relatively new. The CMS in collaboration with the CDC has determined that ozone-cleaning systems are acceptable methods of processing laundry. This method also requires closely following manufacturer's instructions. Facilities opting to utilize an ozone laundry cleaning system will need to obtain an initial agreement between the laundry service and facility that stipulates the laundry will be hygienically clean and handled to prevent recontamination from dust and dirt during loading and transport. This is not an endorsement of ozone cleaning systems.

Please direct any additional questions or concerns regarding F Tag 441 related to handling linens to prevent and control infection transmission to Jemima Drake via phone at 410-786-1526 or e-mail at jemima.drake@cms.hhs.gov.

Effective Date: Immediately. This information should be communicated with all survey and certification staff, their managers and the State/Regional Office training coordinators within 30 days of this memorandum.”

Each EcoTex unit sold by ClearWater Tech, LLC comes with a complete and detailed set of directions to allow all users to meet CMS requirements. In addition, EcoTex units are UL, cUL, CE, and NSF registered.

If there are any other standards set forth by local representatives please do not hesitate to contact ClearWater Tech for assistance.



ClearWater Tech, LLC

Ozone Systems for Water & Air Purification

800-262-0203 | 805-549-9724 | 850-E Capitolio Way, San Luis Obispo, CA 93401 | sales@cwtozone.com | www.ecotexozone.com | REV030614



EcoTex even helps extend fabric life



- Because EcoTex cleans and sanitizes so well in cold water, the need for fiber- weakening hot water washing is virtually eliminated.
 - Because EcoTex ozone systems oxidize soils, making soils easier to remove, chemical detergents work more effectively without relying on harsh, high-pH formulations, reducing negative effluent waste waters.
 - Because EcoTex is an oxidizer odors from soil, fats, oils, grease, incontinence, and mildew can be eliminated.
 - Because EcoTex diffused ozone improves the removal of soils from wash water, it prevents soil redeposition, a major cause of fabric graying.
 - Because EcoTex diffused ozone lifts and softens fibers, fabrics rinse more thoroughly and dry faster.
- The net result: EcoTex-enabled shorter cycle times and cooler water temperatures mean less wear and tear on fabrics – and a tremendous reduction of energy and water.



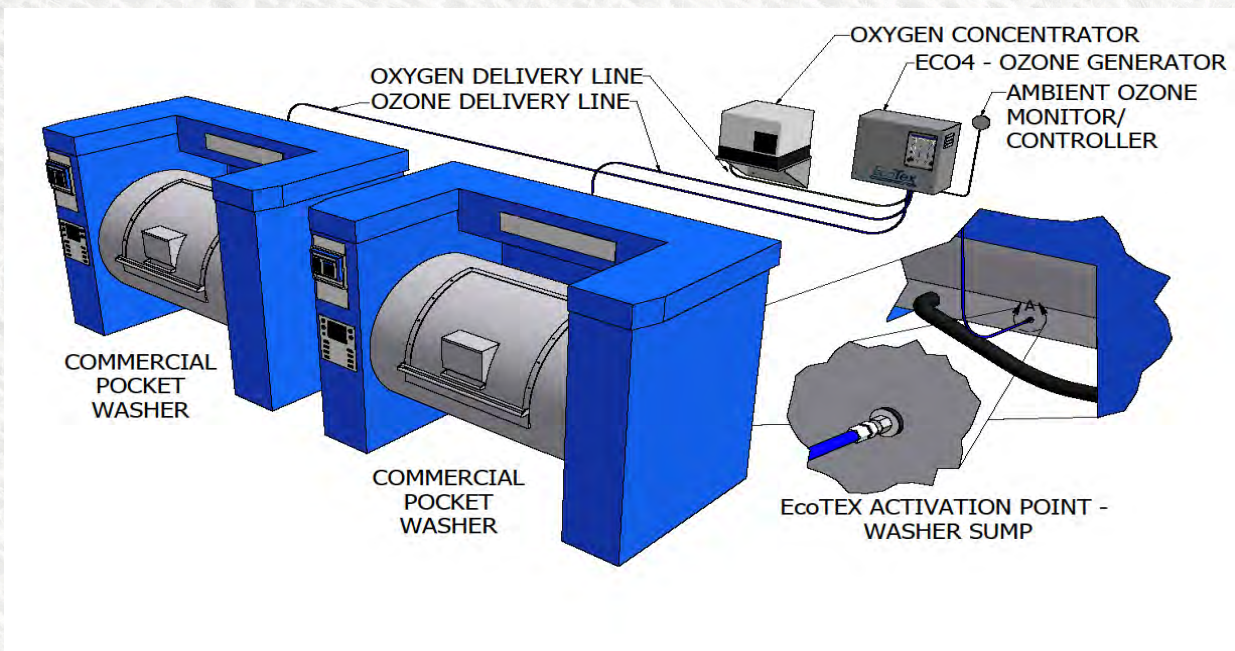
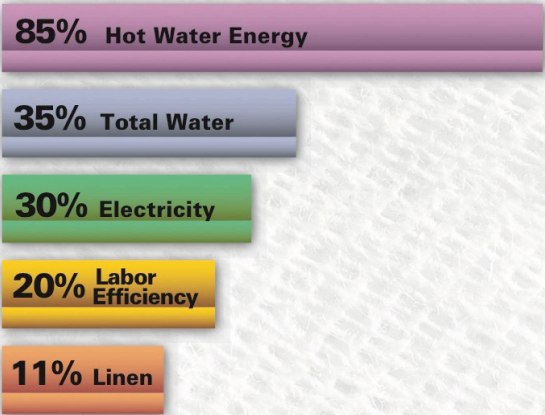


Figure 1. Schematic diagram of one of the three ozone system installations at the Gaston Memorial Hospital laundry facility.

Figure 2 is a schematic diagram of the laundry washroom at Gaston Memorial Hospital, showing the six washers and the positioning of the ozone subsystems within the room.

SAVINGS

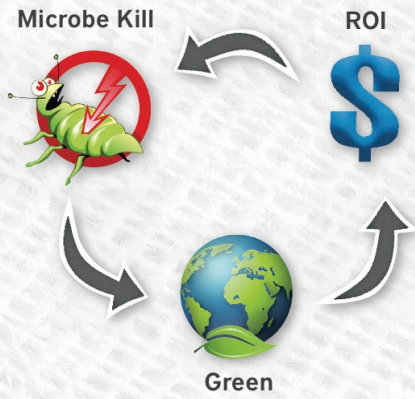


The real beauty of EcoTex is all the savings it produces. With its cold water effectiveness, the energy needed to heat water is reduced dramatically. Fewer rinse cycles are required, and that reduces both energy and water expenses. EcoTex even allows more water to be removed from fabrics during those extract cycles to reduce drying times, and that saves

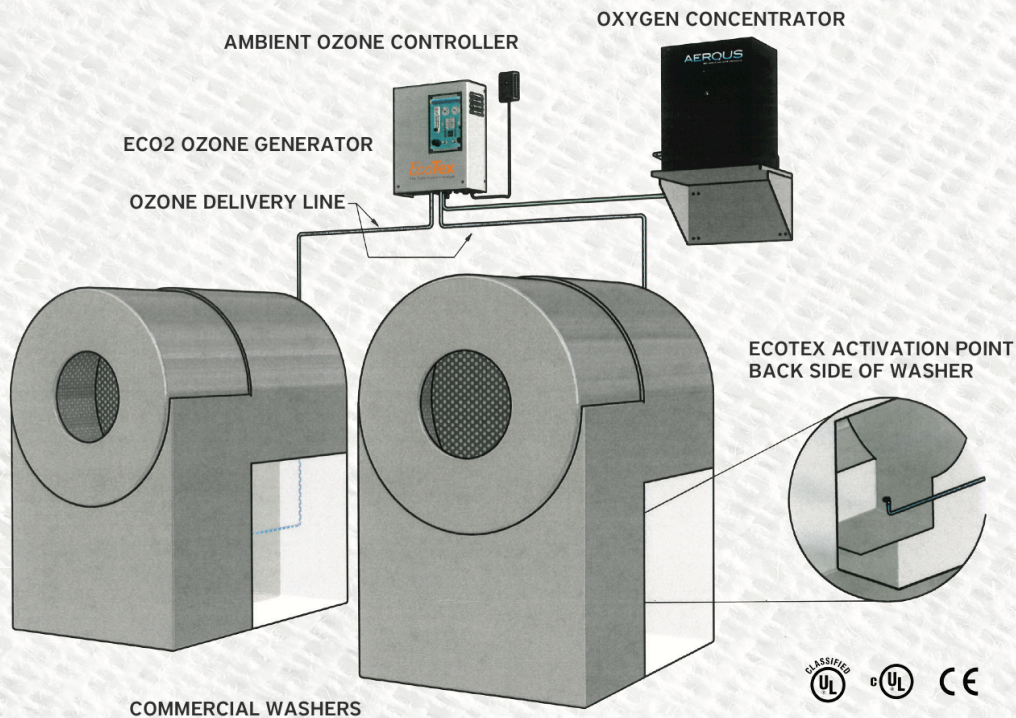
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even more energy. Laundry room temperatures and humidity levels stay much lower, creating better working conditions. And with reduced washing and drying times your laundry staff will have more time to attend to other duties.

PRIMARY BENEFITS OF ECOTEX



An EcoTex system for every size laundry



ECO1 used with:

- One 35 to 160 lb washer (16 to 73 kg)



ECO3 used with:

- One 200 to 500 lb washer (116 to 227 kg)



ECO2 used with:

- One 110 to 300 lb washer (60 to 136 kg)
- Two 35 to 160 lb washers (16 to 73 kg)



ECO4 used with:

- One 400 to 920 lb washer (181 to 418 kg)
- Two 200 to 500 lb washers (116 to 227 kg)

Actual EcoTex system sizing will be based on the facility and linen type being laundered.

