

Green Your Hotel's Laundry Operations
Additional References
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I. Ozone:

Contact information for presenters on ozone:

Scott Larsen, General Manager, Holiday Inn Select San Antonio Airport,

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Tony Pitkin, Scott Equipment, Tony's e-mail is tpitkin@satx.rr.com

Ozone Case Studies:

<http://www.greenlodgingnews.com/ozone-laundry-system-reduces-hotels-operational-costs>

<http://www.greenlodgingnews.com/ozone-scores-big-on-premise-laundry-manoir-pierrefonds>

<http://www.ozonewash.com.au/Trump%20Marina%20Case%20Study.pdf>

2. Laundry and Disease:

EPA's Registered Antimicrobial Products:

http://www.epa.gov/oppad001/list_g_norovirus.pdf

Clark County Health District Norovirus Outbreak Prevention Guidelines for

Hotels/Casinos (Clark County Health District, Las Vegas, NV, Norovirus Outbreak Prevention Guidelines for Hotels/Casinos: 10/27/2004-

http://www.cdc.gov/nceh/ehs/Docs/CCHD_Norovirus_Summit_DVD_Info.pdf)

Note: scroll down the webpage to see a checklist form for health evaluators

3. Laundry Technologies:

CBW—Continuous Batch Washers (Source: Wikipedia

http://en.wikipedia.org/wiki/Tunnel_washer)

“A **tunnel washer**, also called a **continuous batch washer**, is an industrial [laundry](#) machine designed specifically to handle heavy loads. As the name implies, the device consists of a long metal tube called a tunnel. A huge metal spiral called an [Archimedes screw](#) runs down the center of the tunnel, dividing it into sections called "pockets". As the screw rotates, linen is forced from one end of the tunnel to the other. Since the screw is made of porous [metal](#), laundry can move through the washer in one direction while water and [chemicals](#) are forced through in the other. Thus, the linen moves through pockets of progressively cleaner water and fresher chemicals. Soiled linen continuously goes into one end of the tunnel while clean linen moves continuously out of the other. Since their introduction in the late 1960s, tunnel washers have become progressively more reliable. Though extremely expensive, they are now common in major [hotels](#), [hospitals](#) and other high-volume laundry departments.

At the start, one of the machine's major drawbacks was the necessity of using one wash formula for all items. Modern [computerized](#) tunnel washers can monitor and adjust the chemical levels in individual pockets, effectively overcoming this problem.”

Case Study on Ozone and CBW:

http://guardianisd.com/PDF/GIS_Health_Care_Laundry_News_Gold_Key_Resorts_Case_History_April_2010.pdf

High Efficiency Commercial Driers:

Compression Technology--

http://advancelaundrysolutions.com/index.php?option=com_k2&view=item&id=13:greeninitiative&Itemid=9

Energy Star® Commercial Washers:

http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=CCW

Wet Cleaning (instead of Dry Cleaning—eliminating the need for Perchloroethylene[perc])

www.turi.org/community/wet_cleaning

4. Off Site Laundry:

Check your vendors and your contracts to see if they are meeting your corporate/brand/management/owner standards for not only cost efficiency, but also resources efficiency as well.

Examples: Use of chemicals (e.g., less chemicals, green chemicals [i.e.g, Green Seal or Eco-Logo certified], no bleach or non chlorine bleach)

-Water Use—e.g., cold water washes, no pre-rinse cycles for lightly soiled items

-Recycling/Repurposing Materials—making old towels into rags, linens repurposed by prison systems etc.

5. Linen Re-Use

<http://www.ahla.com/Green.aspx?id=24954>

<http://www.projectplanetcorp.com/>

<http://www.greenlodgingnews.com/optional-housekeeping--radical-concept-great-idea>

<http://www.deq.state.va.us/p2/virginiagreen/linens>

Cornell University School of Hospitality Papers of Interest:

“Developing Measures for Environmental Sustainability in Hotels: An Exploratory Study”: <http://www.hotelschool.cornell.edu/research/chr/pubs/reports/abstract-15232.html>

“Invoking Social Norms: a Social Psychology Perspective on Improving Hotels' Linen-Reuse Programs”

<http://www.influenceatwork.com/Media/RBC/Cornell%20Quarterly%20-%20Norms.pdf>