What Is Green and Green Cleaning?
Executive Order 13423

• …products and services that reduce the health and environmental impacts compared to similar products and services used for the same purpose."

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What Is Green Cleaning?

- Set of “Lenses” / Approach to Cleaning
What Is Green Cleaning?

• Set of “Lenses” / Approach to Cleaning
  – Preventative maintenance
  – Time management
  – Pollution prevention
  – Continuous improvement
  – Just-in-time inventory
  – Six Sigma
  – Total Quality Management

• Cleaning to protect health without harming the environment
Roadmaps: By Sector

- LEED for Existing Buildings
- The Business of Green Cleaning
- Green Guide for Health Care
- Quick & Easy Guide to Green Cleaning in Schools

Roadmaps: Cleaning Service

- Green Seal’s Std on Cleaning Services (GS-42)
- ISSA’s Cleaning Industry Management Std for Green Buildings
Roadmaps: Green Lodging

• Green Seal’s Std for Lodging (GS-33)

• Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont

Requirements
Requirements

• Prevention

Requirements

• Prevention
• Green chemicals
Requirements

- Prevention
- Green chemicals

Ingredient Disclosure

Date of Audit --- post 10/10
Requirements

- Prevention
- Green chemicals

UL acquires EcoLogo Program

Requirements

- Prevention
- Green chemicals
- Carpet & Rug Institute for vacuums
Requirements

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Confirm Product for SOA

Requirements

- Prevention
- Green chemicals
- Carpet & Rug Institute for vacuums
- EPA for janitorial paper and liners
Requirements

- Prevention
- Green chemicals
- Carpet & Rug Institute for vacuums
- EPA for janitorial paper and liners
- Training and SOPs
- Shared Responsibility and Occupant Participation
Other Requirements

• Other janitorial products
  – Entrance mats
  – Micro-fiber cloths
  – Micro-fiber mops
  – Recycling bins
  – Floor machines with vacuum attachments

• Other products
  – Hand hygiene
  – Waterless urinals
  – Pest management products

In Lieu of Standards…

• …products and services that reduce the health and environmental impacts compared to similar products and services used for the same purpose.”
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• Green Continuum
  - Reduce toxicity
  - Recycle content
  - Durability
  - Conserve chemicals
  - Conserve water
  - Conserve energy

What About Disinfectants

• Important to protect health
• Registered with the US EPA
• Organisms of concern: H1N1, MRSA
• Use when and where needed: “touch points”
• Mix/diluted correctly
• Apply correctly --- dwell time
What About Disinfectants

- Selecting “green” disinfectants
  - Moderate pH (close to 7)
  - Concentrated
  - Low or no-VOCs

- Active Ingredients

How To Save $?

- Green is about reducing consumption and waste:
  - Chemicals, paper and liners
  - Maintenance of equipment
  - Energy and water
  - Life-cycle purchasing such as improved quality, durability and/or repairability
  - Shared responsibility
  - Labor
• Just don’t forget…
  – Cleaning must be effective to protect guest, staff and other’s health
  – While reducing negative impacts on the environment

How To Save $