

Green Cleaning

Cleaning for Health and the Environment



Training Library Workbook



Green Cleaning Leadership Since 1990

BETCO'S ENVIRONMENTAL COMMITMENT

®

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1. WHAT IS GREEN CLEANING?

2. WHY SHOULD WE BE CONCERNED WITH GREEN CLEANING?

States

3. BENEFITS OF GREEN CLEANING

Increased Indoor Air Quality (IRAQ) and Productivity –

Improved worker recruitment and retention –

Potential greater rental income –

Lower costs –

Fewer complaints –

Compliance with new governmental regulations –

Longer lasting buildings –

Better public image –

Source reduction –

4. GREEN CERTIFICATION AND PARTNERSHIP PROGRAMS

4-A GREEN SEAL

What is Green Seal:

Mission:

History:



**Green Seal Services:
Purchasing –**

Operations –

Facilities –

**Green Seal specific programs:
Greening your Government –**

Product Standards and Certification –

Product Recommendations –

Greening the Lodging Industry –

Standards:

Certification:

**GS-37 Standard for Industrial & Institutional Cleaners:
Bathroom cleaners. (Green Earth® Peroxide Cleaner)**

General-purpose cleaners. (Green Earth® Daily Floor Cleaner)

Glass cleaners. (Green Earth® Glass Cleaner)

Carpet Cleaners.

**GS 40 Floor-Care Products, finishes and compatible strippers:
Finishes. (Green Earth® Floor Finish)**

Strippers. (Green Earth® Finish Stripper)

GS 42 Environmental Standard for Cleaning Services:

GS 41 Hand Soaps:

Other Green Seal Standards relevant to the Jan San Industry:

4-B UNITED STATES GREEN BUILDING COUNCIL (USGBC)

What is USGBC?

Mission:

Leadership in Energy and Environmental Design (LEED) Green Building Rating System:

LEED standards

LEED – EB Existing building operations

LEED – EB Rating System:

**Criteria to earn LEED Certification Points:
Sustainable sites – 1-2 points maximum**

Indoor environmental quality – 6 points maximum

1 point –

1 point –

1 point –

1-2 points –

1 point –

Materials and resources – 6 points maximum

3 points maximum –

3 points maximum – occupant recycling program –

Water efficiency –

Normally the jan san industry can not help with points for this criteria.

Energy and atmosphere –

Normally the jan san industry can not help with points for this criteria.

Innovation points – 5 points maximum –

**Benefits of a “Green Building”: many of the same benefits mentioned for
“Green Cleaning”**

Environmental –

Economic –

Health and safety –

Community –

How do I get LEED Certified?:



4-C ENVIRONMENTAL CHOICE PROGRAM (CANADA)

M

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4-D DESIGN FOR THE ENVIRONMENT (DFE)

4-E GREENGUARD

4-F ISSA CLEANING INDUSTRY MANAGEMENT STANDARD (CIMS)

The standard is composed of the following sections:

Quality –

Service Delivery –

Human Resources –

Health, Safety and ENVIRONMENTAL STEWARDSHIP –

Management Commitment –

5. GREEN CLEANING PROCEDURES

Identify people with special needs -

Entryways –

Hard Floor Care –

Carpet Care –

Dust mopping – vacuuming is preferred to dust mopping

Dusting –

Restrooms –

Food Areas –

Odor Control –

Spills –

Handling Chemicals and dilution of concentrated chemicals –

OSHA Blood-borne Pathogen Standard –

OSHA Right To Know Standard –

Trash Removal –

Indoor Plants –

Integrated Pest Management (IPM) –

Recycling Programs –

Garage Maintenance –

Roof Maintenance –

Maintaining HVAC Systems –

Fabric Cleaning – partitions, wall fabrics, furniture, drapery

Basements –

Stairs and Elevators –

Cleaning Closets –

Building Exterior –

6. SELECTING GREEN PRODUCTS

Impact on health and the indoor environment -

Impact on the larger environment -

Performance -

Cost -

Type of facility -

General guidelines for selecting chemicals –

Packaging –

Selecting paper products –

Post consumer fiber –

Recovered fiber –

Bleaching Process –

**EPA guidelines for minimum levels of recycled content – Comprehensive
Procurement Guidelines (CPC)**

Product Category

Post consumer

Recovered

Microfiber Mops and Cloths –

Equipment –

Vacuums –

this requirement.

All Betco dry vacuums meet

Extractors –

The Betco FP 8 and FP 20 both meet this requirement.

Floor machines and burnishers –

Control burnisher meets this requirement.

The Betco Dust

**Propane machines –
propane machines meet this requirement.**

All Betco

Automatic scrubbing machines –

All Betco automatic scrubbers meet this requirement.

Choosing a supplier –

Ask them:

7. IMPLEMENTING A GREEN CLEANING PROGRAM

“It ain’t easy going green”.

Obtain commitment –

ASK FOR THEIR COMMITMENT!

**Develop an implementation or “green” team –
General thoughts -**

“Green team” for schools should include –

“Green team” for a healthcare facility should include –

Evaluate current cleaning products, equipment, procedures and training –

Items to consider:

Inventory cleaning products

occupant complaints

worker injuries

Survey all powered cleaning equipment.

Survey and inspect all other tools and supplies

Evaluate current training programs.

Conduct a general housekeeping walk through.

Consider doing a survey of cleaning employees and building occupants for overall satisfaction.

Document and review any recycling program in place.

needs **people with special**
changes in products and procedures

Establish an effective communication system between building employees and building occupants –

create a mission and/or vision statement

Introduction of the green cleaning program –

Stress improvement –

Setting expectations –

Explaining the changes –

On-going communication –

Develop a Pilot Plan –

Priorities for your Pilot Plan:

Workbook.

Betco Green Cleaning

Train building occupants –

Monitor results and celebrate success –

celebrate the success

awards program

8. GREEN CLEANING FREQUENTLY ASKED QUESTIONS

9. TAKING A SURVEY

DATE _____

FACILITY _____

INSPECTION PERSONNEL _____

Green Building Survey

Building Exterior	Comments/Recommendations
Conditions	

Building Entrances & Exits	Comments/Recommendations
Conditions	

Public Areas	Comments/Recommendations
Conditions	

Basements and Crawl Spaces	Comments/Recommendations
Conditions	

Mechanical Rooms and Systems	Comments/Recommendations
Conditions	

Garages and Loading Docks	Comments/Recommendations
Conditions	

Storage Areas	Comments/Recommendations
Conditions	

Stairs and Elevators	Comments/Recommendations
Conditions	

Office and Work Areas	Comments/Recommendations
Conditions	

Food Areas	Comments/Recommendations
Conditions	

Restrooms	Comments/Recommendations
Conditions	

Cleaning Closets	Comments/Recommendations
Conditions	

Roof Area of the Building	Comments/Recommendations
Conditions	

Current Chemicals – Manufacturer/Distributor	Comments/Recommendations
Current Equipment	
Manufacturer/Distributor	
Current Towel Manufacturer/Distributor	
Current Tissue Manufacturer/Distributor	
Current Liner Manufacturer/Distributor	
Other Current	
Manufacturers/Distributors	

10. RESOURCES FOR INFORMATION FOR THIS WORKBOOK

11. GREEN CLEANING CERTIFICATION EXAM

12. GLOSSARY

Acrylic –

Acute effect –

Alkalinity –

Allergic reaction –

All purpose cleaner –

Antimicrobial –

Asphyxiant –

Bacteria –

Butyl cellusolve (butyl) –

Carcinogen –

Concentrated chemicals –

Chronic toxicity –

Corrosion –

Cross-contamination (cross-infection) –

Design For The Environment (DFE) –

Detergent –

Disinfectant –

Ecolabeling –

EcoLogo Program (Canada) –

Ecosystems -

Environmental impact –

Environmentally preferable product –

Environmental Protection Agency (EPA) –

EPA –

Federal Insecticide Fungicide and Rodenticide Act (FIFRA) -

FIFRA –

Flammability –

Flash point –

Fungi (fungus) –

Fungicide –

GS-37 –

GS-40 –

GS-41 –

GS-42 –

Germicide –

Gram positive and gram negative –

Green Cleaning –

Green Seal –

Hazardous material –

HEPA filters –

Infection –

Ingestion –

Inhalation –

Inorganic –

Irritant –

LEED –

LEED – EB –

LEED – NC –

LEED – CI –

LEED – CS –

LEED – H –

LEED – ND –

Lethal concentration (LC) –

Microfiber –

Microorganisms –

Mildew –

Mold –

Molecule –

Neutral –

Occupational Safety and Health Agency (OSHA) –

Pathogen –

Pathogenic –

Personal protective equipment (PPE) –

Pesticide –

pH –

Pilot project –

Pollutants –

Post consumer fiber –

Ready to use chemicals (RTU) –

Recovered fiber –

Recycled materials –

Recycled content –

Renewable resources -

Sanitizer –

Solvents –

Source reduction -

Surfactant –

Toxic –

United States Green Building Council (USGBC) –

Use dilution –

USGBC –

Virucide –

Volatile –

Volatile Organic Compound (VOC) -

