

Healthy High Performance Cleaning

(Green Cleaning)

IUPUI Standards

Healthy High Performance Cleaning (HHPC) takes traditional cleaning beyond appearances with procedures, chemicals, tools and equipment designed to make your building the safest, healthiest and cleanest it has ever been. Since cleaning can play a major role in the health, safety and performance of a building's occupants, implementing an HHPC program is now more important than ever.

HHPC is a key part of operating a facility in an environmentally friendly way. It improves employee and occupant health, reduces worker compensation claims, and improves organizational reputation and brand equity among students, faculty, staff, and the surrounding community. It also presents a new opportunity to market and differentiate.

Objectives of HHPC are achieved through the utilization of equipment, supplies, chemicals, hand soap, plastic and paper.

EQUIPMENT

- Vacuum cleaners and carpet extractors, certified by the *Carpet and Rug Institute* as having a significant impact on the improvement of indoor air quality, soil removal, dust contamination, residual moisture, surface appearance, and optical brightness.
- Automatic scrubbers and burnishers are equipped with vacuum guards and operate at sound less than 70dBA. They are equipped with variable speed feed pumps to optimize the use of cleaning fluids and also utilize non-acidic, environmentally friendly gel batteries. Also, they are designed to minimize vibration, noise, and user fatigue.

SUPPLIES

- Microfiber cleaning cloths and mops reduce water consumption and chemical usage while also increasing worker productivity. They assist in the capture and removal of microorganisms and reduce cross contamination through a color coded system, which ensures that specific colors are utilized for specific tasks:
 - Blue-general cleaning
 - Red-Restrooms/commododes

Yellow-Restrooms/fixtures
Green-Cafeteria/food service/pantries
Light blue-Glass and mirrors

Our microfibers are laundered weekly and have eliminated the purchase of roughly \$75K annually of disposable cloths and mops, which typically ended up in a landfill.

- Bamboo mop handles are an alternative non tree fiber which helps to preserve the sustainability of our natural forests.
- Red waste buckets inserted into standard mop buckets also promote sustainable features. They separate dirty water from clean, prevent cross contamination, reduce water and chemical usage, and requires less lifting when emptying.
- Entrance mats (interior & exterior) assist in the soil control program. It is estimated that about 90% of the dirt and debris found in a building is tracked in from the outside. The soil that is controlled by the matting reduces daily maintenance and prevents damaged or worn floors and carpets.

CHEMICALS

- Environmentally friendly chemicals are utilized that have a lesser or reduced effect on human health and the environment when compared with competing products.

A majority of the building services chemicals are manufactured by Johnson/Diversey and are third party certified by either, "Green Seal", "Environmental Choice", or "Greenguard" as meeting environmental and safety claims.

Chemicals listed below are the preferred third party certified cleaning products that are listed as "stock items" for supervisor purchases. Any "non-stock" item purchase must be approved by a Building Operations Manager (BOM):

<u>Chemical</u>	<u>Manufacturer</u>
Stride Citrus Neutral Cleaner	Diversey
Freedom SC Stripper	Diversey
Glance Glass & Multi-Purpose	Diversey
Alpha Multi-Purpose	Diversey

PERdiem General Purpose
Crew Bathroom Cleaner
Emerel Plus Crème Cleanser

Diversey
Diversey
Diversy

HAND SOAP

- CFS utilizes Kimberly Clark Green Seal Certified foam cleanser that is fragrance and dye free and is mild enough for frequent hand washing. It is biodegradable and meets the environmental standard for institutional hand cleansers based on its reduced human and aquatic toxicity and its reduced smog production potential.

PLASTIC SUPPLIES (Trash liners)

- Hevi-Tough can liners are manufactured from a combination of top quality post-consumer and internally recycled virgin resins. These bags are 100% recyclable and are manufactured with up to 80% recycled content.

PAPER SUPPLIES (Paper towels and toilet tissue)

- CFS utilizes an alternative fiber product for our multi-fold towels and standard toilet tissue. Alternative fibers refer to any non-tree based fiber and are derived from bamboo and agricultural byproducts. For example, wheat straw is a natural byproduct of harvesting grain. Using it in paper products puts the “leftovers” to good use. Utilizing natural fiber products is essential in the preservation of natural forests.

To date, Kimberly Clarke does not manufacture Jumbo Toilet Tissue or Roll Towels with the alternative fibers.