

# CLEMSON UNIVERSITY

## Custodial Services

The CUSTODIAL & BUILDING SUPPORT staff is responsible for cleaning and disinfecting public areas and community bathrooms, and for preparing all housing areas for occupancy by students, Summer Programs participants, conference participants and guests. The Housing & Dining Storage and Distribution Center is also included in this area.

### **Mission Statement**

Custodial Services commits to providing a clean, safe, and healthy environment for faculty, staff, visitors, and students of Clemson University.

### **Introduction**

Custodial Services willingly embraces a sense of responsibility that demands we fulfill our Mission Statement in a manner that is friendly to humans and the environment. In keeping with our vision to maintain the campus effectively, Custodial Services affirms its commitment to environmental stewardship and sustainability. “Disinfecting” and “Green” cleaning comprises an entire program affecting our choice of cleaning solutions, practices, and equipment; our goals for personnel training; custodial personnel commitment to practice environmentally conscious cleaning and sanitation procedures; and building occupant engagement.

Clemson University Housing & Dining also commits to cleaning and disinfecting at an APPA Level II standard. The APPA Level II standard is being accomplished through training, proper staffing levels, scheduling, and continually updating equipment and chemicals.

### **Purpose**

Custodial Services established this commitment to reduce exposure of building occupants and custodial personnel to potentially hazardous infectious diseases and chemical contaminants that adversely impact air quality or impede occupants' well-being.

## **Protocols for “Disinfecting/COVID-19 Cleaning”**

Custodial services provide a safe environment for students, staff, and visitors that are residing, working, and visiting university housing. Custodial Services continually aims to meet these goals by implementing the following guidelines for disinfecting residential spaces:

- Residential Custodial will be expanding hours of coverage in the residence halls to provide twelve (12) hours of cleaning and disinfecting of common areas and community restrooms.
- Residential Custodial services is currently provides and will be expanding the hands free systems within shared bathrooms. This includes hands free paper towel, disinfecting hand soap, disinfecting hand sanitizer, toilet seat covers and hands free toilet seat disinfecting soap dispensers.
- Communal bathrooms will be cleaned and disinfected a minimum of 3 times per day with EPA-registered-COVID-19 disinfectants.
- Signage on proper handwashing techniques should be posted in all shared bathrooms.
- Bathrooms are temporarily closed for use while Residential Custodial staff are cleaning and disinfecting to insure social distancing when being cleaned.
- Bathroom trash cans are emptied regularly.
- Daily use of disinfectant sprayers/foggers (air-less, electro-static,ulv) to disinfect/sanitize high traffic common areas.

## **Protocols/Guidlines for “Staff ”**

Custodial staff are required to follow all CDC and university guidelines as regards to disfectant/COVID-19 cleaning. This includes the following:

- Wearing of proper PPE (Personal Protection Equipment)
- Maintaining a 6ft buffer space between people to social distance.
- Frequently washing hands.
- Frequent utilization of hand sanitizer stations.
- Proper use of disinfectant equipment and chemicals.
- Participating in additional training concerning proper disinfecting techniques and equipment use.

## Goals and Strategies for “Green Cleaning”

“Green” cleaning goals are to minimize the impact on the local environment and to emphasize and practice environmentally safe, low impact cleaning chemicals and practices. Custodial Services continually aims to improve its performance by:

- Educating, training, and motivating custodial staff to work in an environmentally responsible manner.
  - This is being accomplished through weekly training sessions.
  - By bringing in experts from the companies whose products we utilize to assist in teaching proper usage of equipment and chemicals.
- By purchasing “Green” chemicals for use by Custodial Services that meet Green Seal standard GS-37 or products with low-volatile organic compounds (VOC) whenever applicable. All general purpose cleaners, glass cleaners, carpet cleaners shall meet the GS-37 standard. All disinfectants and floor finishes shall at least be low-VOC products.
  - 80% of the chemicals being utilized are “Green” products that meet these standards.
- By reducing the quantity of chemicals being stored and utilized in Custodial Services.
  - In 2 years, we have reduced the number of chemicals from over 130 chemicals to less than 40 chemicals.
- All plastic bags and paper products shall meet guidelines for post-consumer recycled content.
  - All Georgia Pacific toilet paper and paper towels are 100% recycled product.
- Purchasing new equipment that meets the “Green Label” testing standards.
  - All equipment for the cleaning of the residence hall bathrooms is either Ecolab or Clean Core Technology which meets and exceeds the “Green Label” standards.
- Collecting and promoting the collection of recyclable materials within the buildings.
  - Custodial Services continues to expand the residence hall recycling and sustainability program, and work in partnership with university facilities recycling.

## Daily Cleaning Schedule

- 7:25-7:30: Clock In
- 7:30-8:30: Clean the common areas  
**EPA Registered Products Used:** *Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, Smart Lemon Furniture Polish, WOW! Stainless Steel Cleaner, Facilipro 35 Concentrated Alkaline Floor Cleaner*
- 8:30-9:30: Pull trash, check halls, stairs in assigned areas
- 9:30-9:45: Break
- 9:45-11:55: Restock dispensers, clean/disinfect/sanitize bathrooms, halls and stairs in assigned areas  
**EPA Registered Products Used:** *EcoLab A456II Disinfectant Cleaner, Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, TILEX Quart, Spitfire, Facilipro 35 Concentrated Alkaline Floor Cleaner, Facilipro Concentrated Antibacterial Foaming Hand Soap, Compact Tissue, Emotion Brown Roll Paper Towels*
- 12:00-12:25: Lunch
- 12:30-2:00: Continue cleaning/sanitizing in assigned area.  
**EPA Registered Products Used:** *Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, Smart Lemon Furniture Polish, WOW! Stainless Steel Cleaner, Facilipro 35 Concentrated Alkaline Floor Cleaner*
- 2:00-2:15: Break
- 2:15-3:00: Clean and disinfect bathrooms for second time in assigned areas  
**EPA Registered Products Used:** *EcoLab A456II Disinfectant Cleaner, Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, TILEX Quart, Spitfire, Facilipro 35 Concentrated Alkaline Floor Cleaner*
- 3:00-3:20: Restock carts and clean equipment
- 3:25-3:30: Clock out( **for 8hr shift**)
- 3:30-4:30: Clean the common areas  
**EPA Registered Products Used:** *Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, Smart Lemon Furniture Polish, WOW! Stainless Steel Cleaner, Facilipro 35 Concentrated Alkaline Floor Cleaner*
- Pull trash, check halls, stairs in assigned areas
- 4:30-4:50: Break
- 4:50-7:00: Restock dispensers, clean/disinfect/sanitize bathrooms, halls and stairs in assigned areas.  
**EPA Registered Products Used:** *EcoLab A456II Disinfectant Cleaner, Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, TILEX Quart, Spitfire, Facilipro 35 Concentrated Alkaline Floor Cleaner, Facilipro Concentrated Antibacterial Foaming Hand Soap, Compact Tissue, Emotion Brown Roll Paper Towels*

7:00-7:25: Restock carts and clean equipment  
7:25-7:30: Clock out

**Trash pulled daily**

**Carpet areas vacuumed daily**

**Bathrooms cleaned daily – EPA/COVID-19 Registered Products Used:** *EcoLab A456II*

*Disinfectant Cleaner, Clorox Hydrogen Peroxide Disinfecting Cleaner, Clorox Disinfectant Wipes, FaciliPro 50 Concentrated Glass Cleaner GS, TILEX Quart, Spitfire, Facilipro 35 Concentrated Alkaline Floor Cleaner*

**Floor Scrubbers and Carpet Extractors used weekly - EPA Registered Products Used:** *Facilipro 35 Concentrated Alkaline Floor Cleaner, Smart Encapsulation Extraction/Pre-Spray Cleaner, Smart Encapsulating All Purpose Spotter*

**Disinfectant Devices used daily –** *Victory Electrostatic Sprayers, Mystic Washer MW5 Sprayers, Ecolab Cleaning Caddy*