Preparing Schools for Reopening & The New Normal

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ABM’s EnhancedClean Advisory Council

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Associate Professor, Global Health Program Director, University of Louisville School of Medicine
*Key Specialty: Infection Prevention*

Guidance and development of:
- **Standard Operating Procedures**: Reviews and validates all SOPs relevant for ABM’s COVID response and EC offering
- **Program Development and Tech Vetting**: Develops the framework for implementing Evidence Based Testing (ATP) and product vetting for UV light technology
- **Program Certification Build**: Defines approach for program certification and validates disinfection specialist certification and training program
- **Position Paper Development**: Develops, documents, and reviews ABM’s position on key topics, such as electrostatic sprayers and antimicrobial coatings

Nancy McClellan
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*Key Specialty: Industrial Hygiene*

Cathy Campbell
National Director of Service Delivery (B&I); CHESP, CMIP
*Key Specialty: Healthcare*

Gordon Buntrock
National Director of Service Delivery (EDU)
*Key Specialty: Janitorial*
Coronavirus Disease 2019 (COVID-19)

Information Center

ABM COVID Website

Resources Available:
- Clients
- Team Members
- Prevention of COVID-19
- Cleaning
- Best Practices During Building Closures
- Informational Resources
- ABM EnhancedClean™ Command Center
ABM EnhancedClean™

ABM’s EnhancedClean™ program is a three-step approach that delivers healthy spaces with a certified disinfection process backed by experts.

1. RETURN SAFELY
   Build trust that it’s safe to return to your space

2. FREQUENT HIGH-TOUCH DISINFECTION
   Instill confidence that a recurring cleaning and disinfection program is in place

3. BROADER DISINFECTION
   Reset your full facility to higher standards beyond high-touch point cleaning

KEY DIFFERENTIATORS:

- Certified Processes Backed by Experts
- Hospital Grade Disinfectants & Specialized Equipment
- Innovative Solutions including Evidence Based Testing
# The Right Approach at the Right Time

<table>
<thead>
<tr>
<th>Step 1: Return Safely</th>
<th>Suggested Frequency</th>
<th>Methods Employed</th>
<th>Team Members Deployed</th>
<th>Potential Supplies and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Build trust that it’s safe to return to your space</td>
<td>Intervals based on timing of reentry</td>
<td>• Pre-opening site assessment(s) using reentry checklists to inform return to work strategy</td>
<td>Certified Disinfection Specialists</td>
<td>• Centralized trash receptacles</td>
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<td></td>
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<td>• New workforce protocols (i.e. social distancing procedures, health screening, PPE requirements)</td>
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<td>• Hand-sanitizing stations (based on availability)</td>
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<td>• Reentry disinfection service using EPA-registered disinfectants</td>
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<table>
<thead>
<tr>
<th>Step 2: Frequent High Touch Disinfection</th>
<th>Suggested Frequency</th>
<th>Methods Employed</th>
<th>Team Members Deployed</th>
<th>Potential Supplies and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instill confidence that a recurring cleaning and disinfection program is in place</td>
<td>Intervals range from hourly to daily</td>
<td>• Site specific SOW for each facility type based on occupancy levels</td>
<td>Certified Disinfection Specialists</td>
<td>• EPA-registered disinfectants</td>
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<tr>
<td></td>
<td></td>
<td>• Increased frequency of disinfection of all high touch point areas in facility</td>
<td></td>
<td>• Proper PPE</td>
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<tr>
<td></td>
<td></td>
<td>• Certified Disinfection Specialists</td>
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<td>• Microfiber program</td>
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<tr>
<td></td>
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<td>• EPA-registered disinfectants</td>
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<tr>
<td></td>
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<td>• Proper PPE</td>
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<tr>
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<td>• Microfiber program</td>
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</tbody>
</table>

<table>
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<tr>
<th>Step 3: Broader Disinfection</th>
<th>Suggested Frequency</th>
<th>Methods Employed</th>
<th>Team Members Deployed</th>
<th>Potential Supplies and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset your full facility to higher standards beyond high touch point cleaning</td>
<td>Intervals range from nightly to quarterly</td>
<td>• Large area disinfection using electrostatic spraying</td>
<td>Certified Disinfection Specialists</td>
<td>• Electrostatic sprayers</td>
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<tr>
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<td></td>
<td></td>
<td>• Hospital grade, EPA-registered disinfectants with faster kill time and broader pathogen spectrum</td>
</tr>
</tbody>
</table>
Getting back to moments like this requires . . .

- CUSTODIAL AS AN ESSENTIAL WORKFORCE
- SHIFT TOWARDS HEALTH AND WELLNESS
- INCREASED VISIBILITY OF HIGH TOUCH CLEANING
- CERTIFIED DISINFECTION PROGRAM
- SOCIAL DISTANCING STRATEGIES & SOPs
- A PARTNER WITH A STRONG SUPPLY CHAIN

ABM’S PASSION TO MAKE A DIFFERENCE
Disinfectants and Specialized Equipment

High touch point disinfection or broader full facility disinfection

Electrostatic sprayers

Alpha HP

Virex II 256
Virex Plus

Oxivir Five 16, Oxivir TB
Oxivir 1 RTU
(or wipes equivalent)
Frequent High Touchpoint Disinfection

Food Service Area

Touchpoints:
- all handles (not only doors)
- switches
- dispensers
- food contact surfaces
- hand contact areas

Classrooms/Training Rooms

Touchpoints:
- telephones / computers / electronics (as approved)
- desks / tables
- switches
- door handles
- chairs
- pencil sharpener / metal surfaces

Kitchens

Touchpoints:
- door handles
- switches
- dispensers (food, in good order, clean)
- food contact surfaces
- hand contact areas

Gyms / Locker Rooms

Touchpoints:
- door handles
- switches
- water fountain
- hand / handwash station
- toilet seats and flush handles, soap / wash walls
- locker exterior
- dispensers

Source: Johnson Diversey Safe Building Program
Frequent High Touchpoint Disinfection

Public Areas / Reception / Lobbies

Touchpoints:
- door handles
- switches
- dispensers (soap, sanitizer)
- table tops / reception surfaces
- telephones
- water fountains
- awnings

Lift / Stairs / Escalator

Touchpoints:
- door handles
- switches
- handrails
- lift buttons

Office / Conference Areas

Touchpoints:
- telephones
- chairs
- desks
- switches
- door handles
- metal surfaces

Restrooms

Touchpoints:
- door handles
- switches
- dispensers, paper towel holders
- bathroom handles, toilet flush, shower control, tops
- toilet seats, splashwalls

Source: Johnson Diversey Safe Building Program
**Scope of Work**

**Planning, Frequency & Perception**
- Visual Perceptions / Psychological Impact
- Manage Parent and Community Concerns
- Revisiting Scope / Frequency - New Normal

**Where can intervention be most effective?**
A well-designed cleaning and disinfecting program can help allay anxiety and fears.

<table>
<thead>
<tr>
<th>Task</th>
<th>*Pre-COVID Scope</th>
<th>Frequency</th>
<th>Back to School Scope (Recommended)</th>
<th>New Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Touch Cleaning – Key items</td>
<td>Desks (spot-clean) Doorknobs</td>
<td>1x/Week</td>
<td>Desks Doorknobs Restroom fixtures</td>
<td>Daily</td>
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<tr>
<td>(EPA registered disinfectant)</td>
<td>Restroom fixtures</td>
<td>Daily</td>
<td>Mouse/keyboards Audio visual equip Electronic equip</td>
<td>Daily</td>
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<td></td>
<td>2x/Day + Daily</td>
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<tr>
<td>E Misting</td>
<td>As Requested, - if available</td>
<td>Infrequent</td>
<td>Classrooms Restrooms High Use Areas Security Entrances</td>
<td>1x/Month</td>
</tr>
<tr>
<td>(EPA registered disinfectant)</td>
<td></td>
<td></td>
<td></td>
<td>1x/Month</td>
</tr>
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**Desks**
- Daily

**Doorknobs**
- Daily

**Restroom fixtures**
- Daily

**Mouse/keyboards**
- Daily

**Audio visual equip**
- Daily

**Electronic equip**
- Daily