

# MICROBIAL PREVENTATIVE & REMEDIATION SERVICES

TOUCHPOINT DISINFECTING SOLUTIONS FOR A HEALTHIER FACILITY

## WHAT IS MICROBIAL PREVENTION AND REMEDIATION?

As a building service provider, National Maintenance Contractors (NMC) works to provide the healthiest facilities possible for our clients. Our Microbial Preventative and Remediation program is a standardized disinfecting program that includes CDC recommendations and additional NMC processes. Our program helps to break the chain of infection and decrease the probability of people in the workplace becoming ill. Although we cannot guarantee that facility occupants will not get sick, research demonstrates that a thorough disinfecting process does reduce the likelihood of illness.

As new diseases and mutations are identified, such as COVID-19 (Coronavirus), we work carefully with the CDC, WHO, and our chemical suppliers to determine appropriate responses. The spread of COVID-19 is an evolving situation and thousands of scientists across the world are working to better understand and respond to this new, highly contagious pathogen. NMC continually monitors the updates regarding COVID-19 and as more information becomes available, our plan evolves to respond effectively.

## MICROBES IN THE WORKPLACE



Within the first two weeks of 2020, the CDC estimated there were **13 million** cases of the flu in America



**80%** of infections are spread through hand contact (via person-to-person contact or by touching a surface)



An estimated **50 million** workdays are missed annually just for the common cold



Illnesses cost US companies approximately **\$74 billion** annually in decreased productivity and absenteeism



Certain microbes multiply quickly; a single bacterium can generate **65,386 bacteria** within **4 hours**



The flu virus can live on a surface for up to **8 hours**; other microbes can live up to **3 days** on surfaces



The average office phone has more than **25,000 germs** per square inch; desks have **20,000** per square inch



Break rooms are a key area for microbe control; microbes can spread from the break room to over **50%** of the office's surfaces in just **4 hours**

Sources include [www.cdc.gov](http://www.cdc.gov); Sitzman, Kathy (2006). *Workplace Germs*. AAOHN Journal, 54(7); Lally, Siobhan (2014). *Healthy Workplace Project: Creating Healthier, More Productive Workplaces*. Professional Safety, 59(3); Mollenkamp, Becky (2004). *Germ Warfare: Cleaners and Disinfectants*; and Millan, Naomi (2020). *Common Sense Steps to Prevent Coronavirus, Other Infections in Facilities*.

Please contact your NMC representative for a customized program for your facility.

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# THE PROGRAM

NMC's disinfecting program focuses on touchpoint sanitation. A touchpoint is a frequently touched item or surface. Touchpoints have a high likelihood of becoming contaminated with microbes; disinfecting touchpoints helps to break the chain of infection in a facility. Our program helps our clients:

- Reduce absenteeism due to sick days
- Protect employees from workplace illness
- Stop the spread of microbes within the workplace
- Reinforce employee confidence by reducing their fear of infection in the workplace
- Protect productivity by limiting infections and establishing a healthy workplace

## PROGRAM LEVELS

NMC offers a standardized disinfecting program to help mitigate the spread of viruses and pathogens in the workplace. In order to best accommodate our clients' needs and situations, we have three different service levels.

### LEVEL 1 TOUCHPOINT

NMC uses EPA-registered, hospital grade disinfectants to disinfects all touchpoint surfaces as directed by the client. Common touchpoints we would disinfect include door handles, light switches, handrails, time clocks, keyboards/mouses, vending machines, faucets, phones and headsets, copier screens, and chair armrests.

### LEVEL 2 DEEP CLEAN WITH ATP TESTING

Level 2 uses the same disinfectants and touchpoint disinfecting as in Level 1, but Level 2 includes a process for precleaning, disinfecting, and when necessary, electrostatic fogging. The entire area – or building – is vacated and everything below ceiling level is disinfecting according to the following process: precleaning of all surfaces of building components and building personal property; disinfecting of all surfaces within the building/area and all personal property; deploying electrostatic fog disinfectant treatment of interior surfaces if necessary; utilizing ATP testing to confirm disinfection; and sending the ATP results to a hygienist, who prepares a clearance report.

### LEVEL 3 HIGHLY PUBLIC FACILITIES

NMC's Level 3 response is designed for facilities in which occupants cannot be removed, such as high traffic public facilities or hospitals. In Level 3, NMC uses the same disinfectants and processes as Level 2 with the addition of setting up a containment area with negative pressure and providing an onsite hygienist to perform ATP testing and oversight.

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