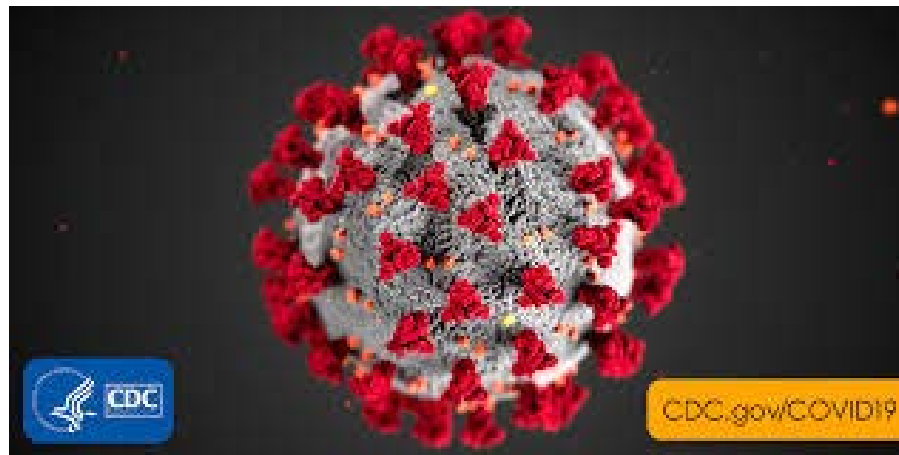


Reoccupying and Maintaining Buildings in a COVID-19 World



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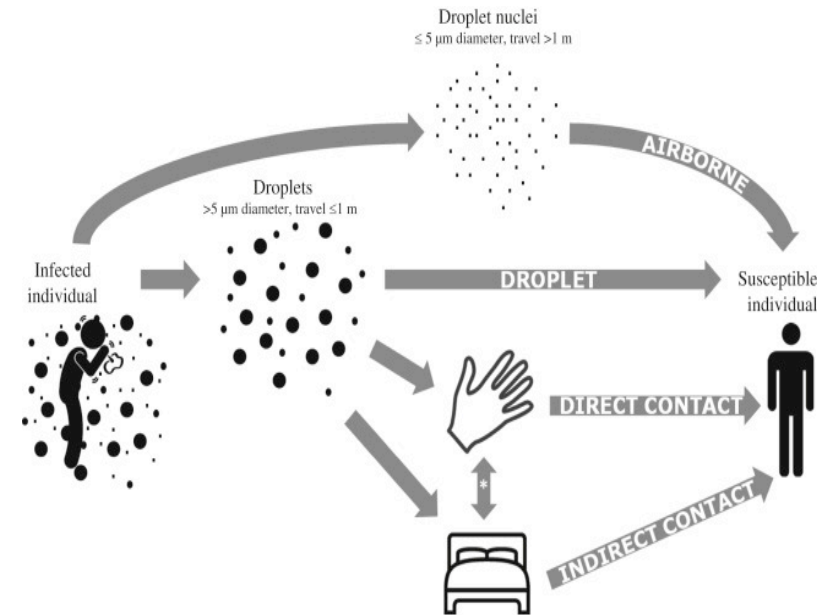
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COVID-19 Background

- Coronavirus (SARS-CoV-2) → new coronavirus disease (COVID-19)
- Transmission → Person-to-Person (respiratory droplets)
- Surface Transmission
- Virus Viability (couple of hours up to three days)



COVID-19 Background

- Infectious an average of 2.3 days before the onset of symptoms
- Estimated that 44% of SARS-CoV-2 transmission occurred before symptoms in symptomatic individuals.
- Between 17-50% of COVID-19 cases are asymptomatic.



Understanding the Difference



Surgical Mask



N95 Respirator

Testing and Approval

Cleared by the U.S. Food and Drug Administration (FDA)

Evaluated, tested, and approved by NIOSH as per the requirements in 42 CFR Part 84

Intended Use and Purpose

Fluid resistant and provides the wearer protection against large droplets, splashes, or sprays of bodily or other hazardous fluids. Protects the patient from the wearer's respiratory emissions.

Reduces wearer's exposure to particles including small particle aerosols and large droplets (only non-oil aerosols).

Face Seal Fit

Loose-fitting

Tight-fitting

Fit Testing Requirement

No

Yes

User Seal Check Requirement

No

Yes. Required each time the respirator is donned (put on)

Filtration

Does NOT provide the wearer with a reliable level of protection from inhaling smaller airborne particles and is not considered respiratory protection

Filters out at least 95% of airborne particles including large and small particles

Leakage

Leakage occurs around the edge of the mask when user inhales

When properly fitted and donned, minimal leakage occurs around edges of the respirator when user inhales

Use Limitations

Disposable. Discard after each patient encounter.

Ideally should be discarded after each patient encounter and after aerosol-generating procedures. It should also be discarded when it becomes damaged or deformed; no longer forms an effective seal to the face; becomes wet or visibly dirty; breathing becomes difficult; or if it becomes contaminated with blood, respiratory or nasal secretions, or other bodily fluids from patients.



Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

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PREPARING IN YOUR WORKPLACE

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OSHA Guidance for “Preparing Workplaces for COVID-19”

- Develop Infectious Disease Preparedness and Response Plan
 - Potential Sources of SARS-CoV-2
 - High Risk Individuals
 - Non-occupational Risk Factors
 - Flexible Worksites/Work Hours
 - Discourage Communal Supplies
 - Housekeeping Activities
- Response Actions
 - Identification and Isolation
 - Self-monitoring and Education
 - Additional Engineering Controls for Close Contact



CDC and EPA Guidelines for “Cleaning and Disinfection”

- Reoccupying a building
 - Areas unoccupied for more than 7 days
 - Outdoor Areas
 - Areas unoccupied for less than 7 days
- Existing Recommendations
 - Frequent Handwashing
 - Social Distancing
 - Cloth Face Covering
 - Sick Policies



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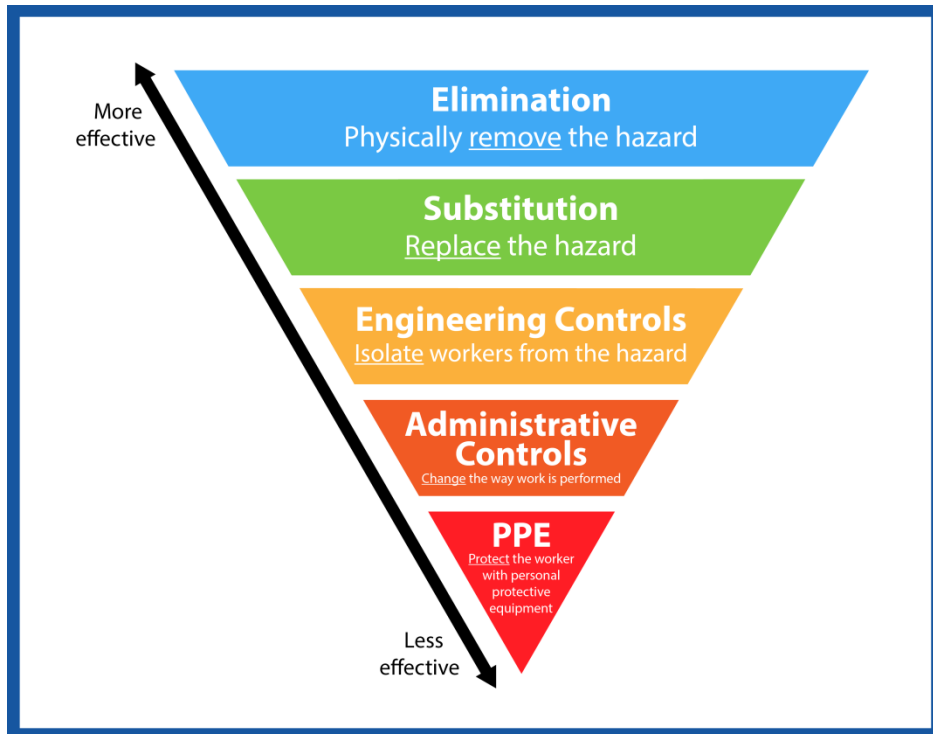


CDC and EPA Guidelines for “Cleaning and Disinfection”

- Develop a Plan
- Clean then disinfect high contact surfaces
 - First Clean
 - Disinfect
 - Use appropriate PPE
- Hazard Communication
 - EPA approved list of disinfectants
- Safe use of disinfectants
- Disinfection of frequently touched surfaces daily

Preparing Your Workplace

- Engineering Controls
 - Temperature Checks
 - Controlling Access
 - Single Entry and Exit
 - Employees/Tenants
 - Visitors
 - Work Families
 - Office and Furniture Layout
 - Additional Sanitation Stations
 - Partition Screening



Preparing Your Workplace

- Administration Controls
 - Limiting Occupancy
 - 4 Corner Distancing
 - Daily Questionnaires (Travel, Symptoms, High Risk, etc.)
 - Identifying Community Items
 - Water Coolers/Fountains
 - Coffee Stations
 - Snack Areas
 - Meetings
 - Food Service Providers
 - Online Orders
 - Carry-Out Only
 - State Specific Requirements



Thank You!

Please feel free to ask any questions you would like. If you are not able to ask them you can email me your questions at mhamill@ecslimited.com.

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