**RISK ASSESSMENT FOR CLEANING – COVID-19**

**Developed by EOC Operations and Risk Management**

**Cleaning priorities**

Following is a risk assessment for the prioritization of cleaning services related to COVID-19. The matrix was developed considering both the priority of cleaning within buildings and across buildings.

**Risk matrix across buildings:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Facilities:** | **Probability of Contamination with Pathogens** | **Likelihood of Exposure** | **Recipient Vulnerability** | **Essential Services** | **Risk Rating** |
|  | 2 | 3 | 3 | 1 | 18 |
|  | 2 | 2 | 1 | 4 | 16 |
|  | 1 | 2 | 1 | 5 | 10 |
|  | 1 | 2 | 1 | 5 | 10 |
|  | 1 | 2 | 1 | 5 | 10 |
|  | 1 | 2 | 1 | 5 | 10 |
|  | 3 | 3 | 1 | 1 | 9 |
|  | 3 | 3 | 1 | 1 | 9 |
|  | 3 | 3 | 1 | 1 | 9 |
|  | 3 | 3 | 1 | 1 | 9 |
|  | 1 | 2 | 1 | 4 | 8 |
|  | 1 | 2 | 1 | 3 | 6 |
|  | 1 | 2 | 1 | 3 | 6 |
|  | 1 | 1 | 1 | 5 | 5 |
|  | 1 | 1 | 1 | 5 | 5 |
|  | 1 | 1 | 1 | 4 | 4 |
|  | 2 | 2 | 1 | 1 | 4 |
|  | 1 | 1 | 1 | 3 | 3 |
|  | 1 | 1 | 1 | 2 | 2 |

**Probability of Contamination with Pathogens**

"How many visitors and types of activities exist (eg. fitness programs vs meetings).

(3) High – High number of visitors and varied activities within building

(2) Moderate – Medium number of visitors and minimal types of activities

(1) Light – Low number of visitors and minimal types of activities"

**Likelihood of Exposure**

"How many interactions and what types of interactions exist (eg. verbal vs physical)

(3) High - Large population interface and many forms of transmittance and surfaces

(2) Moderate - Medium population interface and limited forms of transmittance

(1) Light - Limited public interface and forms of interactions"

**Recipient Vulnerability**

"What is the typical age demographic that may be more susceptible

(3) High - Older Adults (eg. Lower income, respiratory issues)

(2) Moderate - Adult (hypertension, cancer)

(1) Light - Youth (generally accompanied with adults to provide guidance/assistance)"

**Essential Services**

"Ensure the health and safety of the public and continuity of governance

(5) High - Ensures public safety

(4) Moderately High - Provides or supports key governance and critical public services (eg. water)

(3) Moderate - Provides or supports delivery of core public services (eg. amenities)

(2) Lightly Moderate - Provides or supports administration of program development

(1) Light - Provides or supports program delivery"

**Risk matrix work to be do at facility:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area within facilities  (see list above for high touch surfaces) | Probability of Contamination with Pathogens  Light = 1  Moderate = 2  High = 3 | Potential for exposure  Low touch =1  Moderate touch = 2  High touch =3 | Vulnerability of population to infection  Less Susceptible = 0  More Susceptible = 1 | Total risk score\* |
| Exercise and program areas | 1 | 3 | 0 | 4 |
| First aid rooms | 1 | 3 | 0 | 4 |
| Front service counters | 1 | 3 | 0 | 4 |
| Kitchen and food areas | 1 | 3 | 0 | 4 |
| Offices | 1 | 1 | 0 | 2 |
| Public areas – high touch | 1 | 3 | 0 | 4 |
| Public areas – low touch | 1 | 1 | 0 | 2 |
| Meeting rooms, locker/change rooms | 1 | 2 | 0 | 3 |
| Shared workstations | 1 | 3 | 0 | 4 |
| Washrooms | 1 | 3 | 0 | 4 |
| \*See Step 3 table on page 3 for minimum cleaning frequency | | | | |
| *Probability of Contamination with Pathogens* - Surfaces and/or equipment are: Heavy – routinely exposed to copious amounts of body fluids; Moderate – do not routinely (but may) become contaminated with body fluids; Light – unlikely to be exposed to body fluids | | | | |
| *Potential for exposure* – High touch - surfaces that have frequent contact with hands. Examples include but are not limited to hand rails, stair rails, doors/doorknobs/push bars, light switches, elevator buttons, sinks and faucets, counters, cabinet door knobs, paper dispensers, other push buttons, gate latches, soap dispensers, water dispensers, beverage dispensers, vending machines, waste receptacles, security touchpads, POS machines, cash registers. Phones and keyboards are also high touch surfaces when located in shared workstation; Low touch surfaces are those not frequently touches, such as walls, mirrors, ceilings, and door sills | | | | |
| *Vulnerability of population to infection* – More susceptible are individuals who are immunocompromised; less susceptible are all other individuals | | | | |

|  |  |  |
| --- | --- | --- |
| **Total risk score** | **Risk category** | **Minimum Cleaning Frequency** |
| 7 | Very high | Not applicable based on risk assessment |
| 6 | High | Not applicable based on risk assessment |
| 4-5 | Moderate | According to existing schedule ensuring high touch surfaces are cleaned twice daily; additional cleaning as required when visibly soiled or when coughing/sneezing etiquette not followed |
| 2-3 | Low | According to existing schedule ensuring high touch surfaces as cleaned daily; additional cleaning as required when visibly soiled or when coughing/sneezing etiquette not followed |