

## 2 ) RESPIRAIToTRRAIToZ

# CONTROL BANDING APPROACH AGAINST BIOAEROSOLS

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- For Health care environment.
- For General work environment.

## DESCRIPTION OF THE WORK SITUATION

Step 1	Identify the known or presumed bioaerosol.
Step 2	Transmission of diseases, adverse effects attributable to bioaerosol inhalation. Yes, No?
Step 3	Use the appropriate control banding wheel: health care or general work environment (see Figure 2 and 3):
Step 4	Determine the risk group for the bioaerosol (R1, R2, R3 or R4, according to Article 7.3.2.3.5).
Step 5	Determine the generation rate (G1, G2, G3 or G4, according to Article 7.3.2.3.6).
Step 6	Determine the control level (C1, C2, C3 or C4, according to Article 7.3.2.3.7)
Step 7	Trace the number and the colour of the segment selected at the intersection of the variables identified in steps 4 to 6: (e.g., R1, G2, C3). This corresponds to options of the respiratory protection hierarchy illustrated in Figure 4.  The respirator must be chosen according to the assigned protection factor in the CAN/CSA Z94.4-11 (Figure 4).