

Safety Note:

When responding to an incident with a measurable and known airborne contaminant, determine the maximum use concentration (**MUC**) for which our 3M Full-Face APR's can be used.

The MUC is the upper limit at which this class of respirator is expected to provide protection.

To calculate the MUC, multiply the assigned APF of the respirator by the Occupational Exposure Limit (PEL, REL, or TLV).

Example:

- APF of 3M Full-Face = 10
- Benzene's PEL = 0.1 ppm

$10 \text{ (APF)} \times 0.1 \text{ (PEL)} = 1 \text{ ppm (MUC)}$.

The measured air concentration of benzene must be less than the calculated MUC of 1 ppm to safely use the full-face respirator.