
1. Replace Figure A.5.5.3.2(f) with the correct figure shown below (this was a production error).

![Distribution Curve No. 5](image)

**FIGURE A.5.5.3.2(f) Distribution Curve No. 5.**

2. Insert the missing equation for C.2.8.1.3 (production error); and correct the numerator in the equation (editorial error) to read as follows:

C.2.8.1.3 Leak Fraction for Lower Leakage Method.
If a lower leaks test is performed and the lower leakage is measured, then the lower leak fraction \((F)\) is determined using the following equation:

\[
F = \frac{k_{11}}{k_{nl}} 10^{(n - n_h)} \tag{C.2.8.1.3}
\]

For extinguishants lighter than air, \(F = 0.5\).

3. Remove the first equation (it does not belong) for C.2.8.1.5.3 (production error) and insert the correct equation instead, to read as follows:

**C.2.8.1.5.3 Calculation for Extinguishants That Are Lighter Than Air.**

\[
EqLA = 1.271 \cdot P_{ref}^{(n - 0.5)} \cdot k_1
\]

\[
l = \frac{V}{F k_{l_2} \rho_{ref}} \left\{ \frac{2 g \rho_a H_0 (\rho_a - \rho_m)^{(s+1)/n} + 2 P_{lb} (\rho_a - \rho_m)^{1/n}}{\rho_a + \rho_m \left( \frac{F}{1-F} \right)^{1/n}} \right\}^{-n} \tag{C.2.8.1.5.3}
\]

Calculate \(\rho_{ref}\) using Equation C.2.7.1.4 and substituting \(C_{\text{min}}\) for \(C_i\).

4. Insert the missing equation for C.2.8.2 (production error) to read as follows:

**C.2.8.2**

Leakage area for visualization or relief vent calculation is found by the following equation:

\[
EqLA = 1.271 \cdot P_{ref}^{(n - 0.5)} \cdot k_1 \tag{C.2.8.2}
\]

This leakage area is commonly referred to as the equivalent leakage area (EqLA) and is equivalent to the area of a hole in a thin flat plate with a discharge coefficient of 0.61 at the pressure of interest, \(P_{ref}\).

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(Note: Electronic products and pamphlet reprints may have this errata incorporated. For current information about the NFPA Codes and Standards, including this errata, please see [www.nfpa.org/codelist](http://www.nfpa.org/codelist)