

Example:

$$x_{\text{NOx dexh}} = 1.08305 \text{ ppm}$$

$$x_{\text{NOx bknd}} = 0.12456 \text{ ppm}$$

$$DF = 9.14506$$

$$x_{\text{NOx}} = 1.08305 - 0.12456 \cdot \left(1 - \left(\frac{1}{9.14506} \right) \right) = 0.97211 \text{ ppm}$$

(b) Except as specified in paragraph (c) of this section, determine the dilution factor, DF ,

over the test interval using the following equation:

$$DF = \frac{1}{\left(1 + \frac{\alpha}{2} + 3.76 \cdot \left(1 + \frac{\alpha}{4} - \frac{\beta}{2} \right) \right) \cdot (x_{\text{CO}_2} + x_{\text{NMHC}} + x_{\text{CH}_4} + x_{\text{CO}})}$$