

Technical Assignment #1 Comments / Addenda

Section 6.0: Discussion (VRP vs. IAQP)

The main problem encountered when utilizing ASHRAE's Indoor Air Quality Procedure (IAQP) is that there isn't enough information available about indoor air pollutants and their harmful levels. It is extremely hard to measure and predict this particular type of data. Therefore, the Ventilation Rate Procedure (VRP) is more commonly used as it simply monitors CO₂ levels and assumes that all other indoor contaminants are controlled by maintaining the required CO₂ levels.

CO₂ levels of 700 ppm and below are considered to be very low levels. Most buildings do not achieve this low of a CO₂ level.