

Indoor Air Quality in P-12 Classrooms

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ABSTRACT

Indoor air quality is a key factor in maintaining the best learning environment for our students and children. A well-designed system should be able to achieve high levels of ventilation and thermal comfort at a cost that is manageable by the district. New designs can consider several different system types, selecting one that fits in best with the owner's requirements. Existing systems can be supplemented or improved to achieve the IAQ goals as well.

BIOGRAPHY

Robert Hudson Graduated from RIT in 2009 with a Bachelors of Science in Mechanical Engineering and Masters of Engineering, focusing on Energy/Sustainability. Rob Hudson has been with IBC Engineering since 2009 as an energy engineer and HVAC design engineer. Professional engineer since 2014, with credentials as a CEM, BEMP and LEED AP BD&C. Experience with K-12 schools, higher education, office buildings, research laboratories, pharmacies, wineries and medical office buildings. Beginning in 2017, he has been leading the Energy/Commissioning/Sustainability Department. Enjoys spending time with my wife and 3 children. His hobbies include Ultimate and disc golf.