**Joseph A. Vigilante, P.E.**

**Aviation Airfield Lead**

**Burns Engineering Inc.**

Joe is a licensed professional engineer and master electrician with 35 years of experience in engineering and construction, dedicating the last 20 years to the aviation industry. He has developed an expertise in the design and installation of airfield ground lighting and navigational systems and is a frequent speaker at regional and national aviation conferences. As a subject matter expert, Joe is a co-author of an airfield technical guidance manual for LED lighting and co-developer of an insulation resistance calculation for the design of airfield ground lighting circuits. He enjoys mentoring young engineers and sharing his project and technical knowledge with his colleagues in the aviation industry. Joe received his BSEE from Rutgers University and holds professional licenses in NJ, IN, NC, OH, WV, UT and MD. He also holds a NJ master electrician license.