

BRIAN K. BREWER, PE

Principal and President

Brian brings over 36 years of industry experience including nine years of design and construction experience and 27 years of mechanical and electrical consulting experience. Brian's experience includes work in many industries including municipal, educational, commercial, industrial, pharmaceutical and medical. Commercial work includes meeting centers, auditoriums, lodging, dining, educational, office and retail spaces. Brian also has experience with many types of unique and specialized industrial and custom applications.

Education

- Bachelor of Science, Iowa State University, 1991

Licensed Professional Engineer

- Iowa Mechanical Engineer Registration 1996
- PE in Nebraska, Arkansas, South Dakota, Wisconsin, Kansas, Texas, Illinois

Professional Involvement

- Member American Society of Heating, Refrigerating, and Air Conditioning Engineers since 1998.

Professional Experience

- *Brewer Engineering Consultants, PLC, Bondurant, IA, 2000-Present:* President, Senior Engineer, Project Manager of mechanical and electrical systems.
- *Brewer Engineering Company, Ankeny, IA, 1998-2000:* Sole proprietor, mechanical engr.
- *ACI Mechanical, Ames, IA, 1991-1998:* Estimator, project manager, mechanical engineer on many different types of projects including agri-industrial projects, commercial and industrial HVAC projects, high pressure steam and condensate systems, process and domestic plumbing systems, process liquid distribution systems, compressed air systems, pressurization systems, HVAC controls, and many other specialized projects.
- *ACI Mechanical, Ames, IA, 1989-1991:* Estimator, project engineer, drafter, field test, balance, and HVAC functional testing on a variety of projects in the Ames and central Iowa area.

Team Contribution

- Application and implementation of hybrid solutions optimized for specific project requirements.
- Construction experience contributes to "constructability" and successful completion of a project.
- Hands on test and balance and commissioning experience yields more stable system designs.
- Holistic planning yields more integrated systems that blend with architectural elements.
- Wide area of expertise that evaluates and generates solutions from outside industry norms.
- Extensive controls experience results in better performing systems.
- Excellent communication skills for effective programming and owner involvement.
- Versed in multiple delivery systems including Design-Bid-Build, Fast-Track Design Build, Contractor-Led Design Build, Performance Specification, and hybrid solutions.

