

## P R O F I L E



### **CHARLES G. KEITH, P.E.**

**Mechanical Engineer**

**chuckk@CraneEngineering.com**



Charles (Chuck) Keith brings 20 years of expertise in industrial and electromechanical system design, production and testing to Crane Engineering, helping clients solve equipment failure or malfunction problems.

#### **ROLE AND RESPONSIBILITIES**

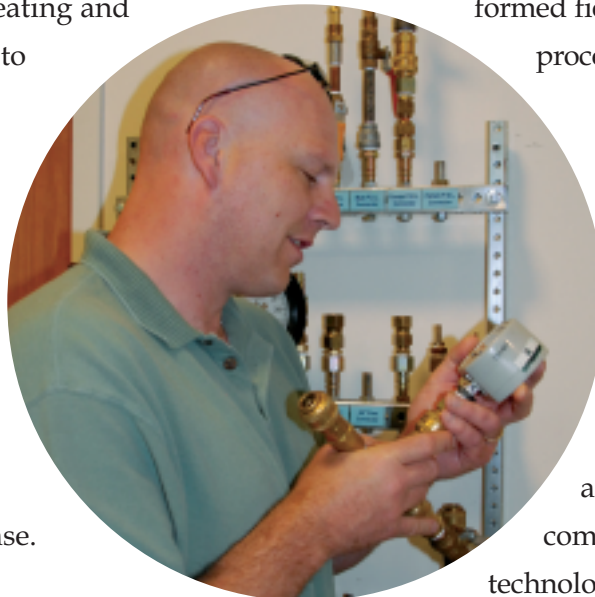
Chuck performs incident evaluations and failure analyses in the areas of gas- and oil-fired equipment as well as steam and hot water heating or process systems. He also consults on related code compliance and flame safeguard operation. As an expert in industrial heating and controls, Chuck is called on to provide litigation support and testimony. Recognized by his peers for his keen analytical aptitude and creativity, he excels at getting to the essence of an issue and responding with effective solutions. This earns Chuck the trust and respect of a diverse client base.

#### **EXPERIENCE**

A licensed professional engineer with an emphasis on thermodynamics, Chuck has an unusually broad background that encompasses project devel-

opment and supervision, as well as field service and client account management. Prior to joining Crane Engineering, he was with a process heating and controls engineering firm where he designed and implemented custom combustion processes.

Previously, as an applications engineer/technical sales consultant for an industrial equipment supplier, Chuck partnered with project, facility and consulting engineers to design, specify and procure equipment for major industrial steam and hot water heating systems. Earlier, he applied his chemical engineering knowledge as a technical aide with a leading medical device manufacturer, assisted with product development and testing at an international technology company, and performed field service engineering for a process equipment firm.



#### **EDUCATION AND INVOLVEMENT**

Chuck graduated from the University of Minnesota Institute of Technology with a bachelor of science degree in chemical engineering. He also earned an associate of science degree in computer and digital systems technology from Dunwoody Institute, Minneapolis, and has continued his education with coursework in industrial circuits, programmable logic controllers and combustion technology.



**CRANE ENGINEERING**

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