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## **Peter Baen, Manager Product Support Group**

October 10, 2012

Peter Baen is Manager of the Product Support Group at Thermon's Corporate Headquarters in San Marcos, Texas. He's been with Thermon for over 35 years in various capacities from Research Physicist to Corporate Training Director. Prior to his current role he was Senior Product Manager for Steam Heating and Instrument Tubing Products for Thermon worldwide.

With degrees in Physics (BS '75) and Mathematics (BS'75, MS'77) from Texas State University<sup>1</sup> in San Marcos, Texas, Baen was a member of the Math Department faculty at Texas State before joining the Thermon Company in December of 1976.

Baen is an author on various steam and electrical heat tracing topics and has had more than a dozen (12) technical articles published internationally. He has also been involved in the development of many different Standards & Recommended Practices related to the testing, selection, installation, operation and maintenance of electrical heat tracing for refining, chemical, power generation and other process industries.

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**Professional Service:** Baen is a Senior Member of the IEEE focusing much of his attention on Industry Applications Society (IAS). He has served as Conference Chair for three different IEEE/IAS Technical Conferences, and is presently Secretary for the IEEE/IAS Petroleum and Chemical Industry Committee (PCIC). He is also a Senior Member of ISA (Instrumentation, Systems, and Automation Society) and ICAC (Institute of Clean Air Companies).

**Standards and Practices Development:** Baen has led or participated in many working groups to advance heat tracing in refining, chemical, power generation, and process analytical industries, including:

- ICAC-EM-4 "Guidelines and Recommended Practices for Preparing Bid Specifications and Bid Evaluations for Sample Transport Bundles (STB)"
- IEC 62395-2: "Electrical resistance trace heating systems for industrial and commercial applications - Part 2: Application guide for system design, installation and maintenance"
- IEEE 622 "Recommended Practice for Electric Pipe Heating in Nuclear Power Generating Stations" (and IEEE 622-B for Installation and Maintenance in Power Generating Stations)
- IEEE 1069 "Recommended Practice for Fly Ash Hopper Heating in Fossil Fired Power Generating Stations"

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<sup>1</sup> Formerly known as Southwest Texas State University

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Along with involvement with the standards and practices surrounding the field of electrical heating, he is also an active author. His work has appeared in many prominent trade journals, including:

- IEEE Industry Applications Magazine: Mineral-Insulated Heating Cable - Consideration for Application of Mineral-Insulated Electrical Resistance Heating Cable. September/October 2007
- IEEE Transactions: "Beyond Electrical Heat Tracing: Safety Showers Update", September/October 2004
- IEEE Industry Applications Magazine: Ambient Proportional Control for Electrical Heat Tracing. November/December 2001
- IEEE Industry Applications magazine: "Why Train in the use of Electrical Heat Tracing?" September/October 1999
- EC&M Magazine: "Maintaining Electrical Heat Trace Applications", August 1997
- IEEE Industry Applications Magazine: Safety Considerations for Electrical Heat Tracing, March/April 1996
- Process Heating Magazine: "Heat Tracing Selection, Consider the Application", October 1996
- Chemical Engineering Progress Magazine: "Insulate Heat Tracing Systems Correctly", September 1994 (Republished in the "Plant Operation and Optimization" AIChE [American Institute of Chemical Engineers] Handbook 1996)
- IEEE Transactions: "The Value of Controls and Monitoring for Electrical Heat Tracing Systems", 1994
- IEEE Transactions: "Heat Tracing Stack Gas Sample Lines for Fossil Fuel-Fired Power Stations", March 1991

His paper "Electrical Heat Tracing for Surface Heating on Arctic Vessels & Structures to Prevent Snow & Ice Accumulation" from the PCIC 2012 Conference has also been selected for publication in an upcoming issue of IEEE Industry Applications magazine

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**Community Service:** Peter Baen is actively involved in volunteer service with more than 10 years of coaching in Little League baseball and youth soccer. He is a past board member of both sports organizations, and is a past Vestry member of St. Mark's Episcopal Church where he and his family worship.

Baen is also a charter member of the Texas State University Math Advisory Board, a role he has continued since its inception. He is a Past-Chairman of the Twin Valley District for the Capitol Area Council of the Boy Scouts of America, for which he was awarded Silver Beaver for his commitment to Scouting. He also served the San Marcos Independent School District as a member of the Board of Trustees for three terms, and continues to be an active member of Rotary International.

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