



Title of Presentation: Six Sigma: Product Development and Product Management at GE Water & Process Technologies

Speaker: John T. Peichel

Abstract

This presentation highlights the theory and application of Six Sigma in the areas of Product Development and Product Management. Real life examples underscore the advantages of a structured approach in the development of new products. In addition, this presenter highlights the role of some beneficial tools borrowed from the Six Sigma toolbox. Attendees should come prepared with thoughts on how their own organization uses statistical process methodology in their own development and product management areas. This presentation will motivate the listener to leave with a fresh perspective and list of ideas applicable to their own challenge areas.

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John T. Peichel – Global Product Manager, Spiral-wound Membranes & Housings

Mr. Peichel has nearly 19 years experience in the design, development, engineering, manufacturing, application and operation of both simple and complex water treatment and filtration systems for the pharmaceutical, beverage, power, and municipal industries. He possesses a vertical understanding of processes and technology applied in the water treatment industry. As a Global Product Manager of Spiral-Wound Membrane Elements, he is responsible for all aspects of new product introduction, global pricing, distribution channels, and product line management associated with spiral-wound membrane elements.

Experience Summary

Mr. Peichel has worked as an Applications Engineer, Project Manager, field Sales Engineer, Engineering Manager, Director of Product Development, and Six Sigma certified Black Belt directly involved in the component and systems business of spiral-wound membrane technology. Field experience in the design, installation, operation and maintenance of equipment provided a strong foundation for Mr. Peichel to serve as a Global Product Manager. Mr. Peichel has performed numerous technical training seminars specific to pure water and process applications using membrane technology.

Professional Associations – Past & Present

AWWA – American Water Works Association
WQA – Water Quality Association
ISBT – International Society of Beverage Technologists
ISPE - International Society of Pharmaceutical Engineers
PDA – Parental Drug Association

Education

B.S. Physics, Mathematics Minor – St. John’s University, Collegeville, MN



Training

- Six Sigma Certified Black Belt
- MRP and Master Planning – APICS
- SAP – Osmonics' Training Dept
- Finance – University of MN, St. Paul
- Train the Trainer – GE internal
- Technical Project Management – AMA
- MRP/MRP II – University of Madison, WI
- Lean Manufacturing

Publications

Paper: Two-Pass RO in a Pharmaceutical Application: A Case Study, published in Pharmaceutical Engineering

Paper: Nanofiltration as a Post-Treatment at a Conventional Water Treatment Plant, presented at regional and national AWWA convention.