

CURRICULUM VITAE

John T. Randall

1928 Scarlett Avenue
North Port, FL 34289

Phone: 941-423-4040
Cell: 941-889-9700

Education

Portsmouth High School, Portsmouth, OH
Member National Honor Society

Graduated 1966

Ohio State University, Columbus, OH

Bachelor Ceramic Engineering 1971

Member Tau Beta Pi, National Engineering Honor Fraternity
Member Texnikoi, Ohio State Engineering Honor Society
Member Keramos, Ceramic Engineering Honor Society

Ohio State University, Columbus, OH

Master of Science 1971
(Combined 5-year program)

Thesis: Study of the Solubility of Sulfur Dioxide in Soda Lime Glass

Professional Certifications

Six Sigma Green Belt training
Finance for non-financial professionals
Fracture Analysis of Brittle Materials
New Manager Development Course
Business Management Short Course
Manager Development

General Electric Co. 2006
Philips Medical Systems 1998
Alfred University 1997
General Electric Institute 1994
Cardinal Stritch College 1987
Corning Glass Works 1976

Employment History

Corning Glass Works, Corning, NY

Composition Control Engineer

1971 – 1976

- Directed laboratory activities for new glass and raw material development focused on glass refining studies and color control of TV glass types. Developed control methods for glass chemistry and physical properties of borosilicate glasses. Provided expertise to remote manufacturing operations for process problem analysis.

Manager, Glass Technology, Fallbrook Manufacturing Plant

1976 – 1983

- Directed glass property and chemical controls, raw material quality programs, and analytical capabilities for high volume glass manufacturing of borosilicate, electronic and TV glass types. Developed new glass compositions and quality controls for new glass melting operations.

General Electric Medical Systems, Milwaukee, WI

Process Control Engineer 1983 – 1987

- X-ray Tube Manufacturing
 - Assured in-process and final product quality. Identified cost reduction opportunities and quality improvements through process changes.

Advanced Quality Engineer 1987 – 1993

- CT Detector Engineering
 - Provided technical leadership for manufacturing and quality improvements for a new ceramic detector material. Developed process controls for the ceramic component and assembly operations of the detector.

Process Champion 1993 – 1995

- X-ray Tube Quality
 - Began critical-to-quality process initiatives and improvements as first step of six sigma development in manufacturing operations. Led team in root cause analysis identifying key problem areas. Implemented tight control of cleaning and particle contamination reduction.

Dunlee, Division of Philips Medical Systems, Aurora, IL

Technical Staff Engineer 1995 – 1997

X-ray tube manufacturing

- Developed yield tracking systems and managed yield improvements achieving over 94% for all tube types. Team solved glass cracking problem, found root causes for tube noise and electrical arcing conditions, and developed component cleaning processes.
- Recognized as global glass expert for processes and materials and developed suppliers and technical resources for increased capabilities.

Manager, Manufacturing Engineering 1997 – 2000

- Managed the introduction of new processes into the manufacturing facility for the production of metal X-ray tubes in addition to standard glass tubes.
- Managed the capital investment budget of \$ 4 million annually to cover manufacturing and engineering activities.

Manager, Manufacturing Technology Development 2000 - 2004

- Led the implementation of processes and procedures to realize a ten-fold increase in the refurbishing and reuse of x-ray tube component parts. Achieved annual savings approaching \$ 1 million.
- Started a Value Engineering initiative to achieve cost reductions in design, manufacturing and purchasing.

- Director, Supplier Development 2004 – 2006
- Maintained close interface with overseas corporate management team to drive supplier consolidations and cost reductions.
 - Achieved 15% cost reductions for critical tube components from global suppliers.

General Electric Healthcare, Milwaukee, WI

- Advanced Manufacturing Engineer 2006 – 2010
- Acknowledged global expert for glass processes and materials.
 - Led transfer of component manufacturing operations to India. Developed mentor relationship with Indian colleagues to increase glass knowledge on-site for processing and design considerations.
 - Taught basics of Glass Technology to Manufacturing and Design Engineering teams. Introduced fracture analysis concepts into their process.
 - Led international team in Europe for yield and process improvements. Drove new design concepts from Europe through supplier process development.
 - Led team to design and implement new equipment for component assembly operations.
 - Solved an internal metal casting porosity problem and developed a rework process to save components. Scrap reduction of over \$500K annually and yield improvement from 72% to 96%.
 - Developed particle counting equipment to a viable process control mechanism, driving process improvements both internally at at supplier operations.

Professional Awards

- | | |
|--|--------------------------------|
| Healthcare Hero Award Solving a Metal Casting Porosity Problem | GE Healthcare - 2008 |
| Patent Award Furnace-Made Electrical Feedthrough Featuring Wrap-Around Glass-to-Metal Seal | Philips Medical Systems - 2007 |
| Philips Bonus Plan Awards 2000 – 2006 | Philips Medical Systems |
| Management Award for Manufacturing Excellence 1996 – Solving critical glass process capacity issues | Picker Medical Systems |
| 1998 – Achieving x-ray tube quality and yield goals | |

