

Stephan Fritzinger

Process Engineer - FRANKLIN ADVANCED MATERIALS

Royersford, PA - Email me on Indeed: [indeed.com/r/Stephan-Fritzinger/b1b8a606b837f3ed](https://www.indeed.com/r/Stephan-Fritzinger/b1b8a606b837f3ed)

Innovative professional with over 20 years experience in progressively more responsible positions. Seasoned surface mount and thick film industry expert with extensive laboratory and process experience. A proven track record in manufacturing process development demonstrated by the successful and profitable SOFC product line. A tenacious and resourceful hands-on leader with an exceptional work ethic and the ability to take leadership over a project and drive it to fruition.

WORK EXPERIENCE

Process Engineer

FRANKLIN ADVANCED MATERIALS - Pottstown, PA - October 2009 to Present

Operations (Fuel Cell Group) - Leader responsible for all aspects of the Solid Oxide Fuel Cell (SOFC) production planning and execution. This included equipment and raw materials sourcing, material planning and ordering, scale-up, process introduction, process improvement, in-process/final inspection, quality control, packaging and shipping.

Operations (Photovoltaic Group) - Provided qualification testing, new process introduction, and R&D support to the Photovoltaic group.

- Responsible for taking the SOFC product line from negative profit margin to 40% profit margin.
- Reduced the COGS by nearly 60%.
- Introduced process improvements and procedures enabling efficient workflow allowing for reorganization of the department.
- Provided support to the Photovoltaic group in all aspects of the manufacture and testing of the photovoltaic pastes.
- Wrote SOP and TPs in the ISO 9001 format for the entire SOFC production process.

Laboratory Supervisor

HERAEUS MATERIALS TECHNOLOGY LLC - 1995 to 2009

Provided technical support and process information to customers from a 2000 sq. ft applications lab that supported Heraeus customer base in the America's and SE Asia. From this lab over 1300 technical projects have been documented supporting customers, R&D, Operations and QA.

- Supported sales in the form of product performance testing and complaint system verification testing, data generation and application testing. Supported R&D for new materials benchmarking and comparative testing of competitors materials.
- Provided worldwide customer support to over 500 customers. This support was directed to not only retaining but increasing their business. On-site training and problem solving, lab services for process development, yield improvement and failure analyses as well as component and laminate testing were provided to existing and prospective customers.
- Worked with R&D using Six Sigma design principles to develop and launch a new solder paste which retained a key customer.
- Provided functional testing which successfully qualified our material at a large new account.
- Supported verification testing of our products when a key raw material was no longer available and had to be replaced.

Technical Services Technician

HERAEUS MATERIALS TECHNOLOGY LLC - West Conshohocken, PA - 1990 to 1995

Responsible for technical support and process information related to Heraeus thick film products including conductor, resistor, and dielectric pastes.

- Perform quality control for Thick Film and SMT materials.
- Conduct testing and verification procedures for R&D.
- Spoke with customers over the phone concerning product information.
- Extensive experience with Thick Film test equipment such as Screen Printers, Belt Furnaces, Laser Trim Machine, Three Roll Mill, Viscometers, Profilometer, oscilloscope.
- Performed weekly computer backups on company mainframe.
- Trained 3 Technicians.
- Promoted to Surface Mount Technology Division in 1995

Chemical Operator

HERAEUS MATERIALS TECHNOLOGY LLC - West Conshohocken, PA - 1989 to 1990

Responsible for the formulation and mixture of all raw materials and chemicals necessary in the production of Silver Flake.

- Developed better washing technique for Silver Flake Operation.
- Increased production by 33% within three months.
- Promoted to Technical Services for outstanding performance and initiative.

EDUCATION**B.A. in Business Economics**

University of Pittsburgh

ADDITIONAL INFORMATION**Computer Skills**

Windows operating systems, MS Office suite

Proficient at upgrading /replacing computer hardware.