

PERVEZ J. SIDHWA
501 Highland Dr. #721, Lewisville, TX 75067 ♦ (972) 956-9650
sidhwa@sbcglobal.net

Seeking a position in....

MANUFACTURING/ENGINEERING-RELATED FIELDS

Technically-oriented and creative professional with a robust quality background. Proactive and committed, believes in fostering a quality culture within an organization. Efficient multi-tasker capable of finishing all scheduled tasks. Responsible, believes in the synergies created by teamwork.

Areas of expertise

- Manufacturing, assembly and testing of low voltage power equipment including generators, motors and associated power panels - Quality assurance - material management/scrap reduction – Lean Manufacturing – Systematic 6 Sigma problem solving – Process Control – SMT Printed Circuit Board Assembly.
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Professional Experience

I was employed for the last 18 years with various Manufacturing Companies including Siemens. I am a recognized experienced engineer working with and fostering positive interactions between Manufacturing, Engineering, Facilities and Maintenance groups to meet Production and yield improvements.

ST Microelectronics

Carrollton, Texas U.S.A

Process Control Engineer

2004 – 2009

- Managed inline process defectivity baseline of semiconductor products to produce a year over year defect reduction of over 10% across the manufacturing process of Automotive products.
- Developed and integrated new and upgraded programs on tools to better manage production lots and reduce cycle time by 15%.
- Implemented benchmarking methodology across modules to drive equipment defect improvements and serve as reference for Fab comparison.
- Founding member of the Photolithography Zero Excursion program that resulted in 25% reduction in excursions, eliminating major scrap events and customer recalls.
- Coordinated with different module section managers in generating monthly trend and Pareto analysis reports.

CELESTICA Inc.

Toronto, Canada

Manufacturing Cell Leader

2002 – 2004

- Managed a team of 20 Technicians to produce Panel based Multi Application Telecommunication platforms for stationary and mobile wireless switching applications.
- Coordinated transfer from Celestica Oklahoma of complete front end manufacturing process, audits and successful start up of the electrical panel wiring shop.

- Developed Manufacturing Process Instructions, Quality and inspection check forms, sector and tool utilization methods. Worked in teams to introduce Lean Manufacturing methods in the sector to reduce material scrap.

SMT PCBA Manufacturing Sector Leader 1996 – 2002

- Focal point for four SMT Printed Circuit Board Assembly production line and 32 operators.
- Maintained production lines throughput by introducing “people rotation” methods to reduce stress and fatigue and enhance cross training.

SIEMENS ENERGY & AUTOMATION Karachi, Pakistan

Manufacturing/Production Manager 1994 – 1996

- Managed and empowered team of 3 Engineers and 25 Technicians to produce Diesel Generator sets from 30Kva – 1200Kva and associated low voltage control panels.
- Responsible for Generator Assembly Shop, Panel Wiring shop, Paint shop and Load test facility.
- Planned monthly production schedules per sales guidelines and forecasts. Made necessary modifications to the Generator sets and panels to suite site, ambient and customer requirements.
- Developed and implemented new load banks for testing synchronized generators in parallel.
- Coordinated with different sections within Siemens to ensure availability of Alternators for assembly, Distribution Panels and associated hardware that was supplied to customers.
- Participated in teams to stream line operations and tooling for parts fabrication and component assemblies.
- Project team member for the research and development of the mobile radar charging units Ground Power Unit and power panels for the Air Force.
- Used innovative methods to reduce material consumption on Generator assemblies, saved 20% annually by reducing scrap.
- Received awards and cash bonuses for Quality, customer satisfaction and on time project execution.
- Performed Quality Assurance and material inspection for Assembly shop, Panel, wiring shop and Field Services.

• **Other relevant Professional Experience:**

- Marine Electrical Engineer, Iran Shipping Lines, Iran 1992-1993
- Electrical Engineer, Facilities. Ramada Hotel, Karachi. 1991-1992
- Marine Electrical Engineer, Atlas Ship Management, Hong Kong 1990
- Trainee Engineer, Philips Electrical Industries, Karachi. 1989

EDUCATION, PROFESSIONAL TRAINING

- . Master of Business Administration (MBA), University Of Dallas (expected 2011)
- . NABCEP – Solar Electric System Certification 2009
- . OMNEX – Green Belt, Six Sigma Certification 2009
- . Semiconductor Processing Technology, Collin County College, Dallas 2006
- . Fiber Optics Communications, Seneca College of Applied Arts & Tech., Toronto 2003
- . Bachelor of Engineering (Electrical), NED University of Engineering, Karachi 1989