



CONSULTING FOR PLASTICS INDUSTRY

[www.consultekusa.com](http://www.consultekusa.com)

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## CONSULTING RESUME OF VISHU SHAH

### PROFESSIONAL EXPERIENCE

**CONSULTEK, Brea, Ca**

**1998 to present**

**Consultant/Expert Witness**

Please refer to attached Curriculum Vitae.

**Performance Engineered Products, Inc. Pomona, Ca**

**1981 to 1998**

**President/Cofounder**

Started Custom Injection Molding business in 1981 and expanded to 27 machines, \$ 8 million in revenue. Responsible for running the entire manufacturing operation with 105 employees including client contact, job Quotations, proposals, coordinating projects and presentation of reports. Developed computer program for Plastics molding operation. Researched and Developed major cost saving programs for customers. Responsibilities included developing and training personnel, writing standard operating procedures, obtaining certifications, negotiating major contracts, and developing business plans for growth and expansion.

**Rain Bird Corporation Glendora, Ca**

**1978 to 1981**

**Senior Plastics Engineer** : Responsible for directing major cost reduction and product improvement projects. Carried out a number of significant assignments requiring detailed planning, organization, coordination and selling. Provided technical services to entire engineering and quality assurance staff in the area of material selection, product development, processing, tooling design, and inspection techniques. Worked on many Research and Development projects. Conducted failure analysis on field returns, Established Plastics test facility.

**Nibco Inc.**

**Elkhart, In**

**1973 to 1978**

**Plastics Engineer:** Responsible for providing technical services and training to all the departments in the company. Set up PVC compounding operation, central packaging system, water-quenching process to lower cycle time, expanded Injection Molding and Extrusion operations, develop formulations. Developed a computer program to analyze molds for cooling efficiency. Conducted Plastics training seminars for engineers, inspectors and sales personnel.

### **Technical and Management Expertise**

Failure Analysis/ Expert witness

Reliability Assessment

Overall Plastics Manufacturing Operations Management

Business evaluation, study, analyze, recommend and implement

Design and Setup manufacturing facilities

Product and Tooling Design and Development

Project Management, Material contract negotiations

Material Selection and Specifications

Quality Assurance, Testing, SPC/SQC, ISO 9000

Research and literature surveys

### **EDUCATION**

University of Massachusetts, Lowell, B.S. in Plastics Engineering

University of Massachusetts, Lowell, M.S. in Plastics Engineering

### **PROFESSIONAL AFFILIATIONS**

SPE, Senior Member. SPI, Professional Member, SPI Board Member

Past President of Northern Indiana SPE chapter. President-elect So. Cal SPE Chapter.

Served as publications chairman, and Board member of So. Cal. SPE chapter.

### **BIBLIOGRAPHY**

Vishu H. Shah, *Handbook of Plastics Testing Technology*, Second edition, John Wiley & Sons, New York, 1998

Contributing Author, *Handbook of Material Selection*, John Wiley & sons, New York, 2002

### **TEACHING**

CAL POLY, Pomona Extended University, Instructor, Plastics Engineering Certificate Program

UC Riverside Extension, Instructor, Plastics Product design & Tooling

SPE, Short course on Material selection at SPE symposium, 1980

Technical Seminars on Plastics for Rain Bird Sales, Marketing, and Engineering staff.

Cerritos College, "Plastics Materials & Processes" Fall Semester, 1999

SPI, Baja Symposium, "Identification of Plastics & How to interpret data sheets"

SME Technical Seminar, "Testing and Evaluation of Plastics" SPI Symposium "Plastics A to Z"