**Functional Resume**

**Norman Horwitz**

**144Elk Place #1004, New Orleans LA 70112**

**318-834-5627**

**Job Titles:**

**Engineering Professor: Tulane University Engineering Physics Dept**

**Senior Logistics Development Engineer: Volvo Powertrain Div.**

**Senior Industrial Engineer: General Motors Truck Assembly Div**

**Associate Academic Dean: Clinton Community College**

**Assistant Professor: Southern Illinois University Industrial Technology Dept**

**Plant Manager: Biltrite Furniture Mfg. USA Ltd.**

**Manufacturing Engineer: USCI, General Plastics**

**Process Engineer: USCI Div of CR Bard**

**Assistant Production Manager: General Plastics**

**Industrial Engineer: Westinghouse Electric Corp.**

**Production Supervisor: Westinghouse, General Plastics**

**Plant Engineer: Skryon Corp**

**Production Manager: Skryon**

**Quality Control Manager: Skryon**

**Maintenance Supervisor: Skryon, General Plastics**

**Industrial Engineering Consultant: General Motors (7 x), Johnson Controls Automotive Group (13 x), Murphy Bonded Warehouse(6 x), Hendrix Mfg. (2 x), Camoplast Rockland Ltd. (3 x), Arpak Plastics (6x), USCI (3x), Skyline Mfg. (3 x), Federal home Products, Allen Millworks (2 x), Aero Medical Collection Service (2 x), Penzoil Refinery, Secured Processing Inc. , Quaker State, Georgia Pacific**

Labor Measurement: MTM (I, II, & III), MOST, SWAT, Stop Watch Time Studies,

**Work Sampling, Performance Rating, Competitive Manufacturing (GM)Lean Manufacturing, Business Process Re-engineering, Methods Improvement-Kaizen, GMC, Continuous Process Improvement, Assembly Line Balance, Ergonomics, Station Design- Man Machine Charts, Simo Charts**

**Facilities Design: Plant Layout and Material Handling, Flow charts**

**Production and Inventory Control: Parts Sequencing, Kitting, Warehousing, Process Analysis, Layout, indirect Standards, Order Picking, parts supermarkets, MRP, Forecasting, Kanban, Reorder Point determination , Economic Manufacturing and Order Quantity Determinations**

**Cost Analysis: Labor, Cost Estimating, Overhead Determination, Materials, Activity Based Costing, Equivalent Value Analysis, Time Value of Money, Depreciation, Make or Buy decisions**

**Preventive Maintenance Programs : TPM, SMED, Predictive Maintenance**

**Project Management: Work and Project Scheduling and Planning**

**Quality Management: ISO 9000 –Lead Auditor, TQM, Process Evaluation, Quality Manual Development/ Writing, Implementation, SPC, World Class Manufacturing, World Class Service- Practitioner/Trainer, GMP**

**Training: Supervision and Management, Training Program Development  
Project Management, Production Supervision, Maintenance Management, Motion and Time Study, Engineering Design, Cost estimation**

**Processes:  
Automotive Assembly Plant, Automotive Seat Manufacture, Consumer Appliance Manufacture, Injection Molding, Furniture Manufacture, Foundry, Welding Fabrication, Machine Shop, Metal Stamping , Paper Processing, Cardio-Vascular Catheter Development, and Manufacture, Fiber Glass, Teflon Coating, Electro-static coating, Powder coating, machine shop, parts sequencing, material handling manufacture and design, Single Family Home construction, CNC Laser Systems, Medical Insurance Claims Filing Services, Office Systems**