

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

HARRY EHRLICH

Product/Equipment Design, Workplace Safety, Human Factors

PROFESSIONAL EXPERIENCE

1999 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analysis, reports, and testimony towards the resolution of litigation involving product liability, and mechanical, industrial and construction accidents.

1996 to **W.O. Thomas and Company, Inc.**

present *Associate; Former Vice President Engineering*

Responsibilities include new product development, warnings and safety instructions, managing projects, and implementing improvements in various manufacturing environments.

1995 to **Farberware, Inc.**

(appliance and cookware manufacturer)

1996 *Assistant Vice President Technical Services*

Responsible for Manufacturing Engineering, Industrial Engineering, Design Engineering, and Quality Control. Responsible for certification and compliance with Underwriters Laboratories, as well as investigation of all product failures. Additional duties included manufacturing responsibility for Asian subcontractors. Objectives included new product development, product design, warnings and safety instructions, cost reduction for existing products, plant layout, assembly line balancing, review of processes and procedures, development of manufacturing flow diagrams, product costing, development of a system to measure plant efficiency, and special projects. Project work included technical support to customers and consumers.

1987 to **Kaz, Inc.**

(health care appliances manufacturer)

1995 *Vice President Manufacturing*

Responsible for all manufacturing departments including: Injection and Blow Molding, Production Manufacturing, Maintenance, Materials, Purchasing, Quality Control, Consumer Service, and Personnel. Responsibilities included new product development, product design, warnings and safety instructions, and the investigation and disposition of all product failure cases. As Compliance Manager, responsibilities included certification and compliance with Underwriters Laboratories, Canadian Standards Association, and TUV (Europe).

1985 to **Inverness Corporation**

(plastic appliances, jewelry, and cosmetics)

1987 *Manager Industrial Engineering*

Responsible for industrial/manufacturing engineering functions. Specific areas of responsibility included upgrading methods and equipment, new product development, product design, and establishing a system of engineering documentation. Additional duties included the supervision of maintenance personnel, and plant/warehouse layout.

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- 1982 to **Mattel Toys** (high volume toy manufacturer)
1985 *Senior Industrial Engineer*
Broad areas of responsibility included development of manufacturing concepts, product design, production tooling, assembly methods, and labor standards. Specific duties included assembly line balancing, line and plant layout, work station design, and equipment justification. Additional duties included the training and supervision of engineers, all rework originating from off shore facilities, and warehouse/distribution projects.
- 1981 to **Swank Incorporated** (leather goods manufacturer)
1982 *Industrial Engineer*
Duties included methods engineering, establishing labor standards, plant layout, equipment justification, and cost reduction.
- 1978 to **Pratt & Whitney Aircraft Group** (aircraft engine manufacturer)
1981 *Industrial Engineer*
Duties included methods engineering, establishing labor standards, and equipment justification.
- 1971 to **HBSA Industries, Inc.** (store fixtures and store perimeters)
1974 **Assistant to Plant Manager**
Responsible for design drafting, selection of custom fabrications, and coordination of construction projects. Duties included creating shop drawings from architects' drawings and specifications.

EDUCATION

B.S., Engineering, cum laude, Western Michigan University, Kalamazoo, MI, 1978

MEMBERSHIPS AND AFFILIATIONS

ASTM Subcommittee F15.22: ASTM F963 Standard Consumer Safety Specification for Toy Safety
ANSI Work Group 2011: ANSI Z315.1 American National Standard for Tricycles – Safety Requirements

PUBLICATIONS

Ehrlich, H. & Winter, L., "The Essence of Workshop Safety", Popular Woodworking Magazine, April 2006