

MARTIN PAUL BELMONT

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MECHANICAL ENGINEER/ SR. MECHANICAL TECHNICIAN PROFILE

PROFILE

Product Design and Development... Mechanical Design... Prototype Development

- Able to develop components and products from concept to finished product, strong planning skills with the ability to conceptualize and analyze complex designs.
- Able to quickly grasp new technical information and communicate that information to others in an understandable manner. A conscientious team player with excellent problem solving and troubleshooting skills.
- Experienced in rubber and plastic molding processes, rubber and plastic part design, mold design and properties of various rubber compounds and plastic materials.
- Able to apply knowledge of machinery operations and the working properties of materials to design products and prototype tooling. Skilled in mold design, machine tool operation, AutoCAD, and [CNC](#) programming.
- Consistently demonstrate leadership skills, sound judgment, decision-making capability, initiative and resourcefulness in responding to job challenges.

PROFESSIONAL EXPERIENCE

WESTERN SKIES RESTORATION, INC.,

Gilbert, AZ | 2001 to 2005

Vice President

| 2001 to 2005

Corporate Officer and Administrator of a Licensed Residential and Commercial General Contractor.

- Using Xactimate estimating software, prepared bids and negotiated terms for clients with fire and/or water damaged properties. Managed value-engineering process with client to ensure modifications to project continued to meet project goals and client expectations.
- Experienced in plumbing, HVAC and electrical. Responsible for directing work for journeyman [carpenters](#), plumbers, drywall hangers and general labor personnel.
- Prepared design layouts for cabinetry used in kitchen/ bath remodels and repairs, ordered all cabinetry and related materials for projects.

CHERNE INDUSTRIES INCORPORATED,

Minneapolis, MN | 1982 to 2001

Senior Associate Engineer

| 1994 to 2001

Responsible for designing new products, revising existing products and components, perform project management duties during the development cycles and providing technical assistance to customers of this national manufacturer of plumbing and pipeline testing equipment.

- Worked with Marketing and manufacturing on the design of new products. Analyzed competitive products, determined appropriate manufacturing and testing processes.

- Performed modeling using AutoCAD to design and develop products to meet specifications. Designed tooling, and fixtures, ordered materials and equipment for prototype fabrication, interfaced with vendors, performed project management during the product development cycle, determined cost estimates and performed field-testing.

CHERNE INDUSTRIES,

Minneapolis, [Minnesota](#) (Continued)

- Reviewed documentation packages and test reports of products prior to release, determined product performance ratings, assisted in preparing technical manuals, and oversaw inspections of first run articles.
- Interfaced with customers by responding to technical questions on product applications, attended trade shows, and gave product demonstrations.
- Supervised Draftsman and [Mechanical Technicians](#). Provided training of testing procedures to Technicians. Assisted Manufacturing with new product releases.
- Worked on special projects as requested for the parent company (Oatey Company, Cleveland, OH) on the design of component parts, prototypes and feasibility of inventions submitted by end users.

Prior Positions at Cherne

Senior Mechanical Technician,

1987 to 1994 | Performed plastic part modeling, designed and fabricated prototype rubber tooling and set up and performed product testing.

Production[Machinist](#),

1984 to 1987 | Performed short run machining of component parts, welding and fabrication of various jigs, fixtures

and assembly machines.

Mechanical Assembler, Rubber Molder,

1982 to 1984 | Performed assembly of pipeline testing equipment. Molded various rubber components used in OEM products.

CAREER ACCOMPLISHMENTS – Patents Granted

- **Mechanical Plug For Cleanout Tees**
(Utility Patent, July 30, 1991)
- **Drain Flusher**
(Design Patent, September 14, 1993 and Utility Patent, July 19, 1993)
- **Pneumatic Test Plug**
(Clean Seal) (Utility Patent, October 11, 1994)
- **Remote Positioning Pneumatic Plug**
(Design Patent, May 30, 1995)
- **Miniature Pneumatic Test Plug Assembly**
(Design Patent, May 7, 1996)
- **Pneumatic Plug With Large Bypass**
(Design Patent, September 15, 1998)

EDUCATION/ TRAINING

- NORTH HENNEPIN COMMUNITY COLLEGE, Brooklyn Park, MN | 1993 to 1995
Pre-Engineering Courses (68 Credits Earned)
- HENNEPIN TECHNICAL COLLEGE, Eden Prairie, MN | 1984 to 1986

Mold Making and Design (Associate Degree Earned)

AutoCAD I & II | 1989

ISO 9001 Auditor Training | 1998

- DIGITAL RESOURCE, Bloomington, MN | 1996

AutoCAD 3-D

- UNIVERSITY OF WISCONSIN, Milwaukee, WI | 1996

Rubber Tooling (Three Day Seminar)

- FLOW INTERNATIONAL CORPORATION, Kent, Washington | 1998

Flowmaster Control and Operator Training (Water-Jet Cutting Machine)