

Résumé

Barry M. Lunsford

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WORK HISTORY

(Atlanta & Georgia Area)

October 2000 – Present: *Southeast Regional Representative, Program Instructor; M.E.P. CAD Computer Aided Design Systems – Subcontract designer/Consultant*

June 2000 – October 2000: *Engineering manager; Atlantic Coast Fire Prot., Inc. – R. Gates*

February 1998 – June 2000: *Fire protection engineer; B & A Consulting Engineers -*
Responsible for all fire protection work done within firm and for coordination with engineers from M.E.P. disciplines. (Supervisor – George Bruwer)

Sept. 1998 – Sept. 1999: *Part-time Instructor; Georgia Fire Sprinkler Association Apprenticeship Program -* Responsible for classroom and hands-on training of fire sprinkler fitters.

July 1994 - Mar. 1998: *Fire Protection Division Manager; Micro Advanced Detection Systems*
Licensee and Division Manager responsible for design of automatic fire suppression systems and operations of Fire Suppression and Alarm systems installations. (Super – Mark Liesen)

Oct. 1992 – July 1994: *Engineering Manager; D&C Fire Protection* Licensee and Department Manager responsible for design of automatic fire suppression systems. (Super. –Benny Durden)

June 1990- Oct. 1992: *Owner; Fire Safe Systems, Inc.-* Responsible for consulting engineering for many Southeastern U.S. projects for various Fire Protection Contractors (see Project History)

Mar. 1986 - June 1990: *Engineering Department Manager; Selasco Corporation*
Responsible for supervision of nine engineers, review and scheduling of all projects.

(Florida Area)

1984-1986 *Operations Manager: Wiginton Fire Sprinklers, Inc.* West Palm Beach, Florida area. Design management, hydraulic analysis, assist with management of operations.

March 1982-1984 *Project Manager; Farmer and Irwin Mechanical Contractors, Inc.* Riviera Beach, Florida – Design, Estimating, and Project Management of Fire Sprinkler portions of contracts.

June 1980 – March 1982 *Designer; Worsham Fire Sprinklers, Inc. –* Design trainee

1973-1981: *Sprinkler Fitter Foreman:* Various sprinkler contractors in Georgia, Florida, and other Southeastern states.

1971-1973: *Enlisted Soldier; United States Army –* Construction (Specialty Demolition), Republic of Vietnam, USCDEC (California). Honorable Discharge.

EDUCATION

Fire Science Technology, Hillsborough College: 1978-1979

Mechanical Engineering, DeKalb Technical Institute: 1976-1978

NFPA certification class for Fire Inspector I and Fire Plans Reviewer I

COMPUTER SKILLS

- Proficient in the use of AutoCAD since 1984 (through ACAD R2000); Microstation SE, including third party sprinkler design software and hand written Auto Lisp and MDL applications.
- Hydraulic Calculations using HASS, Crowley, Hydratec and self-programmed hand calculator since 1980.
- Familiar with Microsoft® Office Software and most other applicable planning and management technology software since 1981.
- Instructor for M.E.P.CAD (AutoSPRINK® and AutoSPRINK® CPW) software since October, 2000.

LICENSES AND CERTIFICATES

- N.I.C.E.T. Level IV in Fire Protection Layout, obtained in 1987
- Past Master Committee member of Florida Automatic Sprinkler Training Association
- Instructor for the F.A.S.T. program with Jack Setzer and Joe Wiginton
- Current Associate member S.F.P.E.
- Current Member N.F.P.A.
- Instructor of GFSA Apprenticeship Program
- CEFGA Licensed Craft Instructor
- NCCER Certified Craft Instructor
- NFPA Fire Inspector I Certification
- NFPA Plans Examiner I Certification
- Licensed Sprinkler Contractor in 7 Southeastern States

GENERAL HISTORY – CURRENT GOALS

Having started with Grinnell in their Pipe shop in 1969 in Atlanta (super – Robert Taylor) I have maintained an interest in the Fire Protection Industry as a career for over 30 years. It is my great desire to see qualified individuals trained in the design of fire suppression systems, and I intend to take every advantage of the newest technology in doing my part to accomplish this.

Having been involved in training at the industry level since working with Joe Wiginton, Jack Setzer and Wayne Gey on the Florida Automatic Sprinkler Training committee in Florida and Mike Brown and CEFGA for the Georgia Fire Sprinkler Association, I have worked both from an administrative and instructor's level. I have also helped with the development of training materials and teaching guides.

My greatest pleasure came several years ago in 1999, however, in my new business relationship with Joe Reghetti other members of the M.E.P.CAD team. Of all the so-called sprinkler design programs I have seen, this is the first one that actually “does what it says it will do” as well as being the first (and currently only) 3-D program for fire protection and alarm systems that can claim success.

Since beginning to use this program on a daily basis for sub-contract design in June of 2000, I have increased my production immensely. I let the finished product (including 3-D sections and details, the most advanced hydraulic analyzer I have ever seen, and an accurate and versatile Stocklisting program) speak for itself. I am currently seeking N.I.C.E.T. certification in Fire Alarms and Special Hazards, as well as maintaining a team of trained designers.

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