



## BELA SCHMIDT

### SUMMARY

Over 35 years of diversified experience in Mechanical Engineering, industrial and community noise abatement. Expertise includes plant site noise surveys, modeling of industrial noise abatement, transportation noise studies, noise barrier designs, impact statements, and public hearings on noise control. Also experienced in utility systems design for process plants, gas refining facilities, and power plants.

### PROFESSIONAL EXPERIENCE

- LXDE CORP. Monroe Township, NJ** July 2006 – Present  
Consultant, Noise Control Engineering.
- Bechtel Corp., San Francisco, CA (Part-time)** July 2000- July, 2006  
Senior Noise Control Engineer working part-time for Bechtel Materials Engineering Technology, Noise Control Engineering, San Francisco, assisting Principal Engineer in plant noise control of Bechtel chemical and power plant projects and bid evaluation of plant component noise levels. Conducted site surveys, wrote reports, and modeled noise control of industrial plants using CadnaA computer software.
- Foster Wheeler Environmental, Morris Plains, NJ (Part-time)** Jan 2002-Sept 2003  
Senior Noise Control Engineer for process, utility and industrial projects. Site surveys, reports and computer modeling of a NYC-Brooklyn project incorporating a barge based GT power plant.
- Consultant (Self-employed)** Jan 1999-May 2000  
Self-employed consultant for various noise abatement projects (highway noise and industrial noise).
- The Chubb Institute, Parsippany, NJ** Oct 1997-Dec 1998  
Full-time study for computer system and application programming.
- Louis Berger & Associates, Inc., East Orange, NJ** Feb 1987 to Sept 1997  
Principal Environmental Engineer. Held overall responsibility for noise abatement projects. Tasks included: Project and Proposal Manager, Lead Engineer for transportation noise studies using Stamina 2.0 computer models, noise barrier designs, impact statements, noise surveys, industrial and architectural noise control projects, and public hearings.
- Lummus Crest, Inc., Bloomfield, NJ** 1979-1987  
Senior Environmental Engineer. Held overall responsibility for process plant noise control of projects engineered by Lummus; preparing equipment specifications, setting noise level criteria, proposals, noise surveys, reports, technical support to engineering groups, management and clients. Also experienced in utility and material handling projects for combined cycle power plants.
- Donley, Miller & Nowikas, Inc., East Hanover, NJ** 1977-1979  
Acoustical Engineer. Project Engineer for industrial and community noise control projects, noise surveys, source analyses, control measures, and analytical reports to clients.
- The Pennsylvania State University, Graduate School** 1975-1977  
Full-time study for MS degree.
- CE Lummus Co., Bloomfield, NJ.** 1970-1975  
Noise Control/Utilities Engineer. Developed noise control at design stage for large process plants engineered by Lummus. Also worked on utility system design for process plants.

**International Management & Engineering Co., (IMEG) London, W1, UK.**

1967-1970

Utilities Project Engineer. Design of utility systems for large gas refining plant in Iran. Gas, oil and slurry pipe line feasibility studies for the UK, Egypt and Panama. Construction supervision of gas refining plant in Bid Boland, Iran.

**Atomic Power Constructions, Ltd. London, UK**

1965-1967

Engineering of utility systems for Dungeness 'B', an AGR type nuclear power plant, SE England.

**Combustion Engineering Ltd. London, UK**

1962-1965

Engineering functions in the design of large coal fired power plants for the CEGB grid and industrial clients. Pressure vessel design, superheater design, heat balances, heat exchanger design, boiler tube corrosion tests in fired boilers.

**EDUCATION**

MS, Engineering Acoustics, Pennsylvania State University, University Park, PA.

Diploma, Mechanical Engineering with Business Administration, The Polytechnic (now University of Westminster), London, W1M 8JS, UK.

**PROFESSIONAL AFFILIATIONS**

Member: American Society of Mechanical Engineers (ASME)

Member: The Institute of Noise Control Engineering (INCE)

Member: Acoustical Society of America (ASA): Holder of Silver Certificate

Fellow: The Institution of Mechanical Engineers (IMechE)

Registrations: INCE Board Certified (INCE.Bd.Cert); Chartered Engineer (CEng) in UK; Eur Ing in EU countries.

**ADDITIONAL DATA**

US Citizen; working knowledge of MS-Word & Excel; overseas work experience; languages; Paralegal Certificate (Montclair State College, NJ); Diploma, Computer Data Center Support (The Chubb Institute, Parsippany, NJ)



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