



Founder, Managing Principal

**Joseph A. Vela, Sr., CIPE, CPD
Certified in Plumbing Engineering
Certified Plumbing Designer**

A graduate of Wentworth Institute of Technology with a degree in Architectural Engineering, Mr. Vela went on to study plumbing and fire protection engineering, design, and business administration at the Benjamin Franklin Institute of Technology, Massasoit Community College, Northeastern University, Providence College, and through Oklahoma State University. He has earned the highest recognized level of achievement in the field of Plumbing Engineering by earning his board Certification in Plumbing Engineering (CIPE) in 1992, and then becoming a Certified Plumbing Designer (CPD) in 2000. His industry experience includes providing every aspect in plumbing engineering including master planning, development of construction documents, and construction administration.

Mr. Vela is a past-President of the Boston Chapter of the American Society of Plumbing Engineers. He is the past Education Chairman in charge of the Chapter's CPD re-certification program, and presently serves on the Chapter's Board of Governors. He was also appointed Co-Chairman of ASPE's 2007 National Technical Symposium in Atlanta by President Julius Ballanco, P.E.

Mr. Vela has attended scores of continuing plumbing and fire protection engineering seminars and symposiums sponsored by ASPE and the NFPA. As an active member of ASPE since 1986 with more than twenty-five years of engineering and design experience, he has written a number of articles including "The Responsible Plumbing Engineer – Five Ways You Can Really Make a Difference" for ASPE's *Plumbing Systems and Design Magazine*.

As a consultant, Mr. Vela's services for the public and private sectors include work in the biotechnical, pharmaceutical, utility, institutional, educational, and commercial sectors. His short list of clients include the Mandarin Oriental Hotel, PEZ Candies, Gorton's Seafood, Victor Coffee, Polaroid, U.S. Department of Agriculture, Massachusetts Water Resources Authority, U.S. Postal Service, Newport Yacht Club, Honeywell-Bull Corporation, U.S. Navy, Rhode Island Department of Administration, Fortune Metals, Hanscom Air Force Base, CVS/Pharmacies, MCI Cedar Junction, Bartholomew County Jail, Massachusetts Institute of Technology, Massachusetts General Hospital, Bear Valley Mall, Indian Mound Mall, McKinley Mall, River Valley Mall, Park Square Plaza, Elder Beerman Salon, Bay Colony Inn, Bernon Mills Estates Condos, The Crossings Condos, Angell Street Condos, North Shore Community College, North Cambridge Catholic High School, Roger Williams University, Columbia University, Bucknell University, The Restaurant, Hunan Kitchen, Skipjack's Restaurant, Arnie's Seafood Restaurant, and Portabello's Restaurant, among many, many others.

He has also designed systems to support clean room environments from ISO Class 5 (209E Class 100) through ISO Class 8 (Class 100,000) for a number of prominent pharmaceutical, biotechnical, high purity, and special chemical facilities. They would include the Abbott Bioresearch Center, Abbott Laboratories, Amgen Pharmaceuticals, Arch Chemicals, Bristol-Myers Squibb Laboratories, Digital/Intel, DuPont-Merck Pharmaceuticals, Genzyme, NeoResins (Astra Zeneca), BASF, Noramco (Johnson & Johnson), Johnson Matthey, Lexigen Pharmaceuticals, Pfizer, PPG Pharmaceuticals, Rhodes Technologies, and SBH Sciences.

Mr. Vela has received several distinguished awards for his contributions to his professional and civic organizations. He currently serves as the President of the Cumberland Youth Athletic Counsel and is the Co-Chairman of the annual CumberlandFest Celebration. He is also a member of the Lorentz Studio of Martial Arts, the USA National Karate-Do Federation, and is a women's self-defense instructor.