



Edward Lihan

PROFESSIONAL EXPERIENCE

NatGas Consulting (2/15 to Present)

Lead Consulting Expert-

Gas Expert-Consultant;

Investigate gas related explosions and incidents for clients including evidence identification, witness interviews, applicable codes, and regulations. Case research & review, discovery development, provide expert witness testimony based on available evidence and experience in the gas industry.

New Jersey Board of Public Utilities-

Supervisor/Acting Bureau Chief - Bureau of Pipeline Safety (1984 to January 2015)

- Evaluate natural gas pipelines to ensure that they are safe and designed, constructed, operated and maintained in accordance with Federal and State safety regulations
- Assist in the preparation and review of legislation and rules associated with natural gas construction, operations and maintenance
- Serve as Acting Chief in the absence of the Bureau Chief, Bureau of Pipeline Safety
- Conduct comprehensive field inspections of natural gas pipeline operators for compliance
- Determine probable violations of Federal and State safety regulations
- Conduct gas explosion and significant incident field investigations for the State of NJ and U.S. DOT / Pipeline and Hazardous Materials Safety Administration
- Represent New Jersey as a team member in several joint gas accident investigations with the National Transportation Safety Board (NTSB)
- Prepare comprehensive accident reports

HESS CORPORATION (6/81 to 11/83)

Supervisor/Terminal Engineer-

- Responsible for code compliance with applicable NJ Department of Labor & Industry, NJ Department of Environmental Protection, Federal OSHA, U.S. DOT Pipeline, and Coast Guard Codes
- Supervised the operation and maintenance of a large scale bulk petroleum storage and distribution terminal in Bayonne, NJ
- Responsible for the safe transfer of petroleum products from overseas oil tankers into storage tanks, quality assurance and distribution of product
- Operated a 26 mile long liquid petroleum products pipeline

SPECIALIZED TRAINING

UNITED STATES DEPARTMENT of TRANSPORTATION, PIPELINE and HAZARDOUS MATERIALS SAFETY ADMINISTRATION

Completed specialized training in the following areas:

- ✓ Safety Evaluation of Gas Pipeline Systems
- ✓ Pipeline Safety Regulation Application and Compliance
- ✓ Safety Evaluation of Pipeline Corrosion Control Systems,
- ✓ Joining of Pipeline Materials
- ✓ Welding and Welding Inspection of Pipeline Materials
- ✓ Plastic and Composite Materials
- ✓ Gas Pressure Regulation and Overpressure Protection
- ✓ LNG Safety Technology
- ✓ Public Awareness Program Effectiveness
- ✓ Evaluation of Control Room Management
- ✓ Gas Integrity Management Protocol
- ✓ Safety Evaluation of Distribution Integrity Management Programs
- ✓ Pipeline Failure Investigation Techniques
- ✓ Root Cause Investigation
- ✓ National Propane Gas Association, Certified Employee Training Program (CETP)

Current Member- ***National Fire Protection Association***

Former Member- ***NJ Department of Community Affairs Code Advisory Board
Mechanical / Energy Subcodes Committee***

EDUCATION:

**New Jersey Institute of Technology,
B.S., Mechanical Engineering (1981)**