Instructor

Thomas Leana

Fields of Expertise

* Plant engineering
* Heavy process equipment
* Preventive maintenance

Certificates/Licenses

* Pesticide Applicator (NY)
* EPA 608 Universal Certification

Education/Training

**AAS Degree Mechanical Technology** **1975**  
Canton ATC

**Continuing Education:**

* Continental Can Seamer School
* Angelus Can Seamer School
* Alvey Palletizing/Depalletizing School
* Hydraulic Train the Trainer
* Pneumatic Train the Trainer
* Ingersoll-Rand Centac Compressor School – MP-3 Computer Control
* Ingersoll-Rand Centac Compressor School – Electro Pneumatic Controls
* Emhart AIS Computer School – PDP 1104 Training
* Allen-Bradley PLC Training
* Modicon PLC Training
* Hazardous Waste Disposal School
* Hazardous Waste Management Workshop 1990 and 1991
* Programmable Logic Controls Training
* Ammonia Refrigeration Training
* Anhydrous Ammonia Safety, Train the Trainer
* Gould Pump Design School  
  IRD Vibration Analysis and “Mechanalysis” Schools, Basic and Advanced
* IRD Vibration and Dynamic Balancing School
* Oxyacetylene Welding and Arc Welding
* Westinghouse training on Electrical Harmonics
* Statistical Process Control Seminar
* TQM Seminar
* Ergonomics Seminar
* New Standard Institute Training on Storeroom Reengineering
* New Standard Institute Training on Maintenance Planning and Scheduling

Technical Experience

**Assistant Plant Engineering Manager** **1995—1997**  
**G. Heileman Brewing Company/Stroh Brewing Company**  
Managed mechanical and electrical functions of packaging maintenance department. Responsible for plant electrical and instrumentation function and capital and expense budgets, created and managed a central storeroom, managed machinery and facilities upgrades, and managed and sought compliance on environmental and regulatory issues.

**Electrical and Mechanical Maintenance Supervisor 1984—1995  
Philip Morris Company – Miller Brewing Company (CNY Bottle Division)**  
Supervised mechanics, electricians, electronic technicians, general laborers, mold repair machinists, and store room attendants. Maintained high-speed packaging machinery, fans, blowers, centrifugal compressors, batch and furnace operations, boilers, air compressors, buildings, and grounds and supervised water treatment for boilers, compressors, and industrial cooling towers. Assisted in all aspects of plant expansion and rebuild, engineered equipment upgrade projects and new installations with outside contractors and in-plant labor, and worked with and set up preventive maintenance programs. Worked with environmental and regulatory issues as Plant Environmental Coordinator and managed, organized and trained the Hazardous Materials Emergency Response Team.

**Maintenance Supervisor 1979—1984  
Philip Morris Company – Miller Brewing Company (Fulton Brewery)**  
Supervised a machine shop crew and mechanics and electricians in the maintenance of can lines, bottle lines, keg lines, palletizing, de-palletizing, and bottle washing equipment. Developed cost savings projects, wrote a maintenance manual and conducted training on H& K filler hydraulic drive system, conducted training on Continental Can Seamer Maintenance and Adjustmens, and engineered projects as assigned and developed.

**Project Engineer 1975—1979**  
**Georgia Pacific Corporation (Pulp and Pater Mill)**  
Worked with contractors and plant personnel on capital projects, engineered new installations, capital improvements on machinery, buildings, and grounds. Worked on problem areas to modify and improve existing machinery and equipment and solved machine problems resulting in increased machine reliability and cost savings. Supervised planner, clerk, machine shop foreman, and paper mill plant maintenance crew of 25 skilled tradesmen. Millwright foreman and maintenance engineer. Held training classes on bearings, lubrication, hydraulics, pneumatics, and pumps for millwrights and electricians.

Instructional Experience

**American Trainco 2005—present**Instructor for pump systems and pump maintenance, arc flash and electrical safety

**Industrial Trainers of America 1997—present**  
Technical Trainer/Consultant/Principal: Instructor for industrial disciplines including Mechanical, Electrical, Pneumatics, Hydraulics, Centrifugal Pumps, Fans, Blowers, Preventive and Predictive Maintenance, and Maintenance Management classes.

**Electrical and Mechanical Maintenance Supervisor 1984—1995  
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Qualified and experienced trainer for the following classes:  
Pneumatics, Hydraulics, Ammonia Safety, Ammonia Refrigeration, Steam Boilers, Industrial Water Treatment, Electrical Troubleshooting, Mechanical Troubleshooting, HVAC Refrigeration and Air Conditioning, Centrifugal Pumps and Positive Displacement Pumps, Bearings and Bearing Failure Analysis, Vibration Analysis and Dynamic Balancing, Lubrication, Precision Alignment, Mechanical Drive Systems, Welding, AC Motor Controls, Electrical Safety OSHA 29CFR 1910.331-335 and NFPA 70E, High Voltage Electrical Safety and OSHA 29 CFR 1910.269, Electrical Grounding and Bonding, Electrical Print Reading, Electrical Distribution System Basics, 400 Hz power Systems, AC Single and 3 Phase Motors, Variable Frequency Drive Basics, Maintenance Management, and Predictive and Preventive Maintenance Programs.