

CURRICULUM VITAE

Thomas L. Liston, P.E.
California Mechanical Engineer M13755

Career:

Thomas L. Liston, Inc., Mechanical Engineer	1967- now
Plant Engineer at IBM, San Jose	1966 - 1967
Design Engineer with Gurries & Todd, Mechanical & Electrical Engineers, San Jose	1964 - 1966
Sales Engineer, The Trane Company, Palo Alto	1961 - 1964
U.S. Naval Officer, destroyers & submarines	1952 - 1958

Education:

U.C. Berkeley: B.A., General Curriculum	1952
U.S. Submarine Officer's Course, 6-month, New London	1954
U.C. Berkeley: B.S., Mechanical Engineering	1961
The Trane Company's 6-month course in HVAC	1961

Societies:

ASHRAE, San Jose Chapter. President 1973/74
National Society of Professional Engineers
California Society of Professional Engineers,
Santa Clara Valley Chapter, President 1975/76 & 2000/2001
U.S. Naval Reserve, Lieutenant-Commander, Retired
American Society of Plumbing Engineers: Certified Plumbing Designer
Los Altos Rotary Club
California Conference of Arson Investigators
National Fire Protection Association
Western Construction Consultants' Association
Forensic Expert Witness Association

Papers Published:

"Low Pressure Variable Air Volume Systems",
Building Systems Design, August 1970
"Physical Laws of Archery",
Liston & Associates, Inc., 1988
"Pitfalls of Residential Domestic Hot Water Recirculation"
in Plumbing Engineer, April 2005

Computer Programs Authored:

"Psychrometric Chart" for HP41CV, published by Hewlett Packard

* Firm's Activities:

Heating, ventilating & air conditioning (HVAC) and plumbing are the firm's specialty within the mechanical engineering field.

Design of HVAC and plumbing for all types of buildings has been the primary function of the office over the last 40 years. Types of buildings for which HVAC &/or plumbing has been designed include schools, churches, residences, microchip production clean rooms, biological clean rooms, computer rooms, hospital modifications, university laboratories, jet aircraft hangers, telephone company facilities, rocket production facilities, etc

At present the firm's staff includes one mechanical engineer, Thomas L. Liston, P.E. and Melissa McKinley, part-time office manager. Mr. Liston's activities have recently accentuated:

Forensic analyses of fires, explosions and carbon monoxide poisonings caused by heating equipment.

Large building energy reduction &/or performance improvement through elimination of design flaws &/or correction of operating errors.

Analyses of plumbing accidents.

HVAC &/or plumbing construction defects analyses.

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