

CURRICULUM VITAE – Thomas Waardenburg

Phone (561) 789-0237

I. PERSONAL

Date & Place of Birth	September 2, 1951	Broward County, FL
Marital Status	Married	
Children	2 – Todd & Ty (both adults)	
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II. EDUCATION

1. Stranahan High School, Ft. Lauderdale, FL 1969 High School Degree.
2. Broward Community College, Ft. Lauderdale, FL 1970 - 1975 various courses.

III. EMPLOYMENT RECORD

Mowrey Elevator Company Inc. Ft. Lauderdale, FL 1984 - 1987
Elevator design, manufacture, installation and service. Started at Mowrey with a service route for approximately 8 months and then moved into sales. Worked in the sales department advancing to the title of "Vice President of Sales" primarily State of Florida and with some direct elevator contractor accounts out of State. Responsibilities included sales, training of sales department personnel, design layout and ordering equipment, writing specifications, working with architects, engineers and building owners for elevators in new construction and modernization.

CEO
BURLINGTON ELEVATOR COMPANY, INC., Hollis, NH 1987 - 2000
Elevator manufacture, installation, repair, and maintenance service company serving the New England States. Originally Burlington Elevator was a division of Interstate Electrical Services Inc. when my employment started. After managing the Burlington Elevator division for Interstate Electrical Services, the division was purchased November 1994 and a new corporation formed using the previous IES division name. Burlington Elevator worked primarily in Massachusetts and New Hampshire in the new construction and modernization market. Burlington Elevator Company was sold 12-31-1999 to ThyssenKrupp Elevator. Worked for ThyssenKrupp for a 4 month transition of accounts and moved back to South Florida.

CEO
Florida Certified Elevator Inspections, Inc. 2003 - 2010
Hollywood, FL 33021

Elevator Consulting Services Inc. 2010 - Present
DBA: Elevator CSI
Hollywood, FL 33021

Current Elevator Inspector, Consultant; provide a broad range of elevator and escalator design and code related services to the elevator industry, building managers, architects, engineers, building designers, owners and the legal profession.

- Professional Inspection, Consulting & Witnessing Services:
 - Hydraulic Elevators
 - Traction Elevators
 - Dumbwaiters
 - Escalators and Moving Walks
 - Wheelchair / Platform Lifts (Vertical and Inclined Wheelchair Lifts)
 - Limited Use Limited Access (LULA) Elevators
 - Residential (Home) Elevators
 - Shipboard Elevators
 - Material and Stage Lifts
 - Construction, Personnel & Material Hoists

 - Elevator Service Contract Review and Maintenance Contractor Performance Reviews

 - ADA and Accessibility Code Compliance Reviews
 - Owners Representation Concerning Elevator Projects
 - Elevator Specification Writing and Plan Review
 - Elevator Construction and Modernization Project Management and Monitoring
 - Elevator Due Diligence Evaluations / Reviews
 - Technical Support with emphasis on Codes and Standards, Product Safety & Design

 - Detailed Elevator System Review and Documentation With Regard to Applicable Codes and Safety Violations
 - Litigation Support
 - Deposition Preparation Consulting
 - Testimony, and Elevator Accident Investigation

IV. EXPERIENCE

Over 25 years in the elevator industry serving both in the field and management capacities. Field experience includes installation and maintenance of hydraulic and electric traction elevators both passenger and freight. Additionally worked on design and engineering of systems and subsystems including manufacturing processes. Manufacturing processes include hydraulic and traction elevators. Service and maintenance of elevators including commercial hydraulic and electric traction elevators from elevators installed early 1900's to most modern systems available. Modernization and renovation of elevator design for buildings including early industrial mills of pre World War 1 to new construction of Class A office, condominium, sports and healthcare facilities.

Responsible for preparation of Consulting Services Proposals for Vertical Transportation Equipment, New Equipment Installations, Modernization Reviews, Maintenance Condition Reviews, ADA Reviews, Final Inspections of new and modernized Elevator & Escalator installations, Maintenance Contract Evaluation Reviews, Elevator Due Diligence Reviews for Building Acquisition, Expert Witness Testimony and Insurance Claim Accident Investigation.

Develop reports for all of the services listed above, including detailed listing of deficiencies for elevator equipment located in machine rooms, hoistways, inside elevator cars, equipment mounted on the exterior portions of elevator cars and pits. Additionally, elevator associated components of the building electrical, fire alarm systems, sprinkler systems, emergency generators and architectural conditions related to accessibility.

Provide Expert Witness services, to include evaluation of elevator maintenance agreements/contracts, evaluate coverage associated with preventative maintenance, components and parts excluded or included under maintenance contracts, maintenance contractor performance requirements and responsibilities under maintenance contracts. Perform in-depth surveys of all elevator equipment pertaining to plaintiff's and/or defendant's claim for damages to ascertain the adequacy of preventative maintenance services and equipment condition relative to replacement of worn or defective parts,, adjustments, lubrication and overall housekeeping..

Determine applicable ASME A17.1, A17.2, A17.3, A17.4, A18.1 Elevator Safety Code, National Electrical Code NFPA 70 and other applicable code compliance of all elevator equipment pertaining to plaintiff's and/or defendant's claim for damages with the original installation date and/or subsequent alterations or modernizations that may have taken place.

Developed educational presentations and serve as an Instructor for Florida Elevator Mechanic Certificate of Competency (CC), NAESA-QEI and Elevator Industry Worker Preservation-QEI (Qualified Elevator Inspector) continuing education requirements as provided by Florida Certified Elevator Inspections, Inc. These classes are approved by the Florida Department of Business and Professional Regulation, the National Association of Elevator Safety Authorities (NAESA) and Elevator Industry Worker Preservation as meeting their respective annual continuing education requirements.

Class curriculum includes a comprehensive review of the most recent adopted Standards including ASME A17.1, ASME A17.2, ASME A18.1, Florida Statute 399, Florida Building Code, NFPA 70 and NFPA 72 and other applicable codes, statutes and required documents.

Effective April 2011, instruction of all elevator continuing education courses are performed directly for National Association of Elevator Safety Authorities as one of 6 instructors working for NAESA in North America.

V. Participation in Codes, Standards, Safety Organizations and Professional Organizations

1. Member, Elevator Association of Florida, Inc. 2003 - Present.
2. Member, National Association of Elevator Safety Authorities, 2002 - Present.
3. Appointment to serve as Member of the ASME A17:
 - a. Existing Installations Committee, Expires June 2012
 - b. Maintenance, Repair and Replacement Committee, Expires June 2012
4. Member, The American Society of Mechanical Engineers, ASME: September 2005 - Present.
5. Member, Board of Directors, Elevator Association of Florida 2004 - Present.
6. President Elevator Association of Florida September 2006 – December 2009.
7. Vice President Elevator Association of Florida January 2010 - December 2011.

8. Founding Member, Board of Directors, Vice President Florida Elevator Inspectors Association July 2008 to present.
9. Member, National Association of Vertical Transportation Professionals. NAVTP: June 2005 - Present.
10. Member, National Fire Protection Association. NFPA 2007 – Present.
11. Secretary / Treasurer of Massachusettes Elevator Safety Association 1989 – 1993.

VI. Licenses and Certifications

1. Commonwealth of Massachusetts, Licensed Elevator Mechanic 1994 – 2000 (Voluntary expiration of license due to moving from area)
2. State of New Hampshire, Elevator Licensed Mechanic and Elevator Inspector 1995 – 2000 (Voluntary expiration of license due to moving from area)
3. National Association of Elevator Safety Authorities, International, QEI Certified Elevator Inspector Supervisor #97
4. State of Florida, Certified Elevator Inspector License #122
5. State of Florida Certificate of Competency License #3236

VII. Professional Lectures

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 4/9/05 (Fort Lauderdale, FL), 5/21/05 (Clearwater, FL), 6/11/05 (Orlando, FL), 12/3/05 (Clearwater, FL), 12/10/05 (Fort Lauderdale, FL), & 12/11/05 (Miami, FL).

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Jurisdictional Authority Inspectors, Miami, FL, May 25, 2005.

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 1/21/06 (Orlando, FL), 2/18/06 (Fort Lauderdale, FL), 4/29/06 (Clearwater, FL), 5/13/06 (Fort Lauderdale, FL), 12/2/06 (Orlando, FL), 12/9/06 (Clearwater, FL) & 12/16/06 (Plantation, FL).

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Jurisdictional Authority Inspectors, Miami, FL, May 1, 2006.

Co-Instructor: Naval Facilities Engineering Command Vertical Transportation Equipment Inspector Training Course, Orlando, FL, September 16 - 17, 2006.

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Jurisdictional Authority Inspectors, Miami, FL, February 55, 2006.

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 3/10/07 (Fort Lauderdale, FL), 5/19/07 (Clearwater, FL) and 5/26/07 (Fort Lauderdale, FL).

Panelist of Expert Panel (4 members) for presentation, question and answer session concerning the proper methodologies of performing inspections and witnessing of code required testing for elevators, National Association of Elevator Safety Authorities (NAESA) Eastern Regional Workshop, Ocean City, MD, April 2007 and April 2008.

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 12/1/07 (Fort Lauderdale, FL), 12/8/07 (Clearwater, FL) and 12/15/07 (Fort Lauderdale, FL). Classes 2008 include Ft. Lauderdale 5/3/08, Miami 5/5/08, Clearwater 5/10/02.

Instructor: An educational presentation for Fire Inspectors detailing the changes in the codes and Statutes in the State of Florida with respect to elevators relative to changes now required by current elevator safety codes. Presented at the 7th Annual Broward County Fire Inspectors Conference, 3/13/08 and 3/14/08 (Plantation, FL).

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Florida Certified Elevator Inspections, Inc. Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 3/30/09 (Miami-Dade County Offices for AHJ inspectors only, FL), 4/25/09 (Plantation, FL), and 5/2/09 (Clearwater, FL).

Instructor: Florida Department of Business & Professional Regulation, Bureau of Elevator Safety approved continuing education class provided by Elevator CSI, Class for Certified Elevator Inspectors and Certificate of Competency licensed mechanics. Classes presented 3/29/10 (Miami-Dade County Offices for AHJ inspectors only, FL), 3/27/10 (Plantation, FL), and 5/8/10 (Clearwater, FL).

Instructor: National Association of Elevator Safety Authorities International instructor for class 3-28-11 given at Miami-Dade County Office the continuing education class for AHJ inspectors within FL which included FL Bureau of Elevator Safety, Miami-Dade County, City of Miami Beach and City of Miami employed elevator inspectors. Continuing education class for elevator inspectors Orlando 4-30-11.

Panelist of Expert Panel (3 members) for presentation, question and answer session concerning the proper methodologies of performing inspections and witnessing of code required testing for elevators, National Association of Elevator Safety Authorities (NAESA) Eastern Regional Workshop, Ocean City, MD, April 16, 2011.

Instructor: Class Instructor for National Association of Elevator Safety Authorities International for the following 8 hour Continuing Education Courses: 4-2011 (Orlando and Miami), 5-11 Plantation.

Instructor: Class Instructor for National Association of Elevator Safety Authorities International for the following 8 hour Continuing Education Courses: 2-2012 Miami, 5-2012 Plantation, 11-2012 Plantation.

Instructor: Class instructor for the training of Fire Fighters class “Emergency Evacuation of Passengers From Elevators” Broward County Agencies March 7, 2012, Seminole Tribe of Florida and City of Hollywood October 17, 22, 23, 24, 2012.

VIII. Elevator Related Training

Oct 25/26, 89	ASME Inspection Techniques for Elevators and Escalators, Orlando, FL
1989 – 2003	Various classes and seminars concerning elevator maintenance and inspection. Maintenance of tracking all dates and places not available.
Mar 28/29, 03	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland
Apr 29/30, 05	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland
Mar 24/25, 06	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland
Nov 10/11, 06	NAESA International Elevator Safety Code Workshop, Bristol, Connecticut
Mar 26/27, 07	ASME International Continuing Education Training Course, Elevator Maintenance Evaluation, Orlando, Florida
Apr 27 - 28, 07	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland
Apr 11/12, 08	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland
Apr 15/16, 11	NAESA International Elevator Safety Code Workshop, Ocean City, Maryland

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