

Curriculum Vitae

Name: Paul James Halyard, P.E.
Date of Birth: September 2, 1935
Place of Birth: St. Petersburg, FL
Marital Status: Married, 3 children
Education: Graduated from St. Petersburg Senior High School in 1953
Graduated from St. Petersburg Junior College in 1955
Graduated from University of Florida, Gainesville, in 1958 – BME – upper fourth of class
Graduated from Trane Company Training Program, La Crosse, in 1963
Technical Assistance Analyst, No. T 0509, in 1979
Graduated from Northwestern University Traffic Institute –
Traffic Accident Reconstruction in 1982
Public Service: Appointment by Governor Charlie Crist to the Florida Board of Professional Engineers,
October 2008

Past Employment:

1958-60 Sperry Electronic Tube – Gainesville, FL
Equipment Engineer (High Vacuum & Ceramic Metallation)
1960-63 Maddox Foundry & Machine Works – Archer, FL
Chief Engineer
1963-68 The Trane Company – Orlando, FL
Sales Representative (Heating, Ventilation, Air Conditioning and Heat Transfer)
1968-70 The Trane Company – Richmond, VA
Manager, Dealer Sales
1970-72 The Trane Company – Pittsburgh, PA
Manager, Engineering – Owner Accounts
1972-74 Sauer, Inc.
Project Manager
1974-75 Sauer, Inc.
Southeast Regional Marketing Manager
1975-77 Century Contractors
President

Private Engineering Consulting Practice –
1977-1998 Peninsula Engineering, Inc.
1983-present Peninsula Forensic Engineering, Inc.
1999-2012 Property Condition Assessment, Inc.

Professional Organization Affiliations:

Registered Engineer – State of Florida, No. 7093
Member – American Society of Heating, Refrigerating and Air-conditioning Engineers (Fellow)
Member – Florida Engineering Society - Past President - Central Florida Chapter
Member – National Society of Professional Engineers
Member – Central Florida Chapter of American Society of Plumbing Engineers (Past President)
Member – National Academy of Building Inspection Engineers (Diplomate)
Charter Member and Fellow – National Academy of Forensic Engineers (Diplomate)

Other Professional Activities:

- April 1960 Presented “High Temperature Controlled Atmosphere Electric Furnace Design” paper at 44th Annual Florida Engineering Society Convention in Miami, FL.
- 1967-68 President – Central Florida Chapter of Florida Engineering Society.
- 1980 Chairman – Board of Examiners of Mechanical Contractors and Journeymen, City of Orlando.
- 1980 Awarded – Excellence in Energy Conservation Design for New Construction from American Society of Heating, Refrigerating and Air Conditioning Engineers.
- January 1983 Presented Speech entitled “Teach Air Conditioning Basics Through Psychometrics” to Orange and Volusia County School Board.
- May, 1983 Charter Member – National Academy of Forensic Engineers.
- March 1985 Member – Orange County Building Advisory Board.
- 1988 Nominated for Engineer of the Year by the American Society of Plumbing Engineers.
- 1989 Nominated for Engineer of the Year by American Society of Heating and Refrigerating Engineers Central Florida Chapter.
- 1990 Nominated for Engineer of the Year by The American Society of Plumbing Engineers.
- 1991 Membership with National Academy of Forensic Engineers upgraded to “Fellow.”
- 1991 Paper on “The Use of Visual Aids: What is Demonstrative Evidence?” presented to and published in the 1992 Technical Journal of the National Academy of Building Inspection Engineers, Volume 1, Number 1.
- July 1991 Presented “Amusement Rides and Water Slides” speech/paper to National Academy of Forensic Engineers Annual Meeting in Grand Rapids, MI
- January 27, 1993 Presented a talk on “Indoor Air Quality and Building Condition Surveys” to the National Academy of Building Inspection Engineers (NABE) at the NSPE Meeting in Kona, HA
- May 11, 1993 Presented a talk entitled “Face and Bypass – Back to the Future” at ASHRAE Chapter Meeting. Discussion was centered on the use of face and bypass as a means to meet the new requirements for duct temperature suggested by ASHRAE 62.
- March 25, 1993 Spoke on “How HVAC Systems Effect Indoor Air Quality (IAQ)” at Law Engineering Facilities and Engineering Consultants Seminar, Orlando, FL.
- April 27, 1993 Appointed to the “Building and Fire Code Board of Adjustments and Appeals” by the Orange County, FL, Board of County Commissioners. Served as Chairman.
- May 19, 1993 Presented a talk, “Building Condition Surveys,” to the Greater Orlando Association of Realtors.
- July 21, 1993 Presented a talk entitled “Indoor Air Quality Evaluations – Commercial and Residential Buildings” at the National Academy of building Inspection Engineers 1993 Technical Workshop in Pittsburgh, PA

- November 9, 1993 Served as a panelist on the subject of “The Transformation of the Construction Industry – Indoor Environmental Issues of the 90s” at a joint meeting of The Central Florida Chapter of ASHRAE, American Institute of Architects, and Associated Builders and Contractors.
- May 1994 Elected President of Central Florida Chapter of the American Society of Plumbing Engineers.
- July 1994 Presented paper on “Indoor Environmental Quality” to National Academy of Building Inspection Engineers in Kansas City, MO
- April 12, 1997 Presented a talk entitled “How Can NABIE Meet the Challenges of Commercial Property Inspections?” at the Fifth Annual Meeting and Symposium of the National Academy of Building Inspection Engineers (NABIE) in Philadelphia, PA
- February 28, 1998 Awarded **Engineer of the Year 1998** by the Florida Engineering Society after being nominated by American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).
- January 1999 Elected to the Grade of Fellow by ASHRAE in Seattle, WA
- January 2001 Awarded Engineers Week 2001 **Career Achievement Award** by the Florida Engineering Society
- August 2001 ASHRAE Chapter Service Award
- January 2003 NAFE presentation regarding *Forensic Business Development and Management* in San Francisco, California, Marketing for Medium Multi Engineer Firm
- January 2005 ASHRAE Journal, Article on *Ownership & Management Transition* by Paul J. Halyard
- February 2005 ASHRAE presentation regarding *Mold and Mildew Case Studios of Florida* in Orlando, FL, How Could Anything So Small Cause So Much Damage?
- July 2005 NAFE presentation regarding *FE Analysis of Latent Water Damage to Buildings* in Chicago, IL How Could Anything So Small Cause So Much Damage?
- February 2006 NABIE presentation at the Symposium regarding *Condensate in Buildings* in Tampa FL.
- March 2007 Article entitled "Think Negatively: Norman Vincent Peale Was Wrong", published in Volume 17, Number 1, March 2007 issue of *The NABIE Examiner*.

Testimony:

Served as Expert Witness in the following cases:
 Mawby vs. American Cast Iron Pipe Co.
 Orange County, FL
 Re: Air Conditioning Construction, Non-rising Valve Stem Construction
 Judge George N. Diamantis

Verne vs. Blount Bros. Will Hoyt Steel
 Titusville, FL
 Re: 90-ton Crane to lift Orbiter Missile in place
 Case No. 78-672-CA-01
 Judge Virgil V. Conkling

Scheckler vs. City of Mt. Dora
Lake County, FL
Re: Personal injury involving Dempsey Dumpster
Judge C. Welborn Daniel

Keckley vs. Imperial Bank et al
Circuit Court of Bartow, FL
Re: Slip and Fall
Judge J. Tim Strickland

Sorenson/Fletcher Construction Co. vs. Warren E. Williams et al
Orange County, FL
Re: HVAC Construction Failure Analysis
Case No. 81-1897
Judge William C. Gridley

Edmiston et al vs. William R. Thomas et al
Circuit Court of Sanford, FL
Re: Accident Reconstruction, Articulated Vehicle/Pedestrian
Case No. 82-0023 CA
Judge S. Joseph Davis, Jr.

Catalyst, Inc., vs. Timothy S. Brumlik
Circuit Court of Orange County, FL
Re: Construction Litigation involving Error & Omissions;
Preparation of Plans & Specifications
Case No. C182-1616
Judge W. Rogers Turner

Arnold vs. Greer Electric/Steven Reardon
Circuit Court of Brevard County, FL
Re: Accident Reconstruction – Seat Belts
Case No. 84-4837-CA-J
Judge Clarence T. Johnson, Jr.

Lambert vs. GEICO Insurance
Circuit Court 18th Judicial Circuit, Seminole County, FL
Re: Accident Reconstruction – Seat Belts
Case No. 86-1129-CA-10-A
Judge Kenneth M. Leffler

Campion vs. James E. Strates Shows, Inc.
Ninth Judicial Circuit Court of Florida
Re: Mechanical Platform Design Resulting in Death
Case No. C188-6081
Judge Frederick Pfeiffer

Stanley G. McNatt vs. City of Orlando
Orange County Circuit Court
Re: Accident Reconstruction – Point of Collision
Case No. C186-3964
Judge Frederick Pfeiffer

Sun Bank, NA, vs. 205 East Central, Ltd.
Orange County Circuit Court
Re: Building Construction Survey – Code Compliance
Case No. C189-2849
Judge William C. Gridley

KMS of Florida Corporation vs. Magna Properties, Inc.
Brevard County, FL
Re: Polybutylene Plumbing System – High Rise Condo Plumbing Failure
Case No. 82-5004-CA-S
Judge Virgil V. Conkling

Al Bosgraaf & Sons, Inc., vs. United States Navy
Armed Services Board of Contract Appeals, Falls Church, VA
Re: Termination of contract – Grease Duct Construction – NFPA97
Case No. ASBCA 43372
Judge Ronald Lipman

Kennedy vs. Rodeway Inn Eastgate
Osceola County Circuit Court, FL
Re: Issue of stair tread/riser construction
Case No. C192-273
Judge Frank Kaney

McCroy Corporation, et al, Debtors
Chapter 11, Case No. 92-B-41133 (CB) through 92-B-41160 (CB)
Mack Realty Company vs. C.G. Gulf Property Assoc., et al
Adv. Pro. No. 93-9918A
United States Bankruptcy Court, Southern District of New York
Re: Heating, ventilation, and air conditioning (HVAC) deferred maintenance as related to
indoor air quality (IAQ)
Judge Cornelius Blackshear

Lydo Corporation d/b/a La-Z-Boy Furniture Galleries v.
Spolski Construction, Inc.
Re: HVAC Heating, ventilation, and air conditioning (HVAC) design and construction

Sandy Lake Properties, Inc., Debtor
Chapter 11, Case No. 01-07829-6J1
Arbor Commercial Mortgage, LLC, Creditor
United States Bankruptcy Court, Middle District of Florida
Judge Karen S. Jennemann, US Bankruptcy Court Judge
Re: Building Construction Due Diligence

Gene Bailey and Cynthia Bailey v. Eric Jensen and Joyce Jensen
The Circuit Court for Pinellas County, Florida, Civil Division
Case No. 07-5800-CI-13
Judge Rondolino
Re: Sanitary System Issues

Arbitration:

Save Inn – Smith Barney
192 & Turnpike in Kissimmee, FL
Re: Mildew

Palm Springs Office Square – T1-11
Palm Springs Drive
Altamonte Springs, FL
Re: Siding

Amica Mutual Insurance Company
Totura & Company
Case No. F37V02477
Re: Polybutylene Plumbing System

Walter B. Rise, Claimant vs. School Board of Manatee County
Case #AAA No. 32 110 00352 95 DE
Re: Indoor Air Quality/ASHRAE 62-1989

Mediation:

Charles and Marie Bradshaw vs. Creative Change of Central Florida
Case #AAA No. 33 110 00116 96
Re: Building Construction Workmanship and Standard of Care
Note: Parties agreed to Mediation prior to Arbitration

LeClub International, LLC and Jeff Falkanger & Associates, Inc.
Case #32 J 110 00679 03
Re: Building Construction Workmanship and Standard of Care HVAC
Note: Parties agreed to Mediation prior to Arbitration

Universal Rank Hotel Partners v. Thompson Company, Inc.
B & R File No. 130-196
Re: Building Construction Workmanship and Standard of Care
Note: Parties agreed to Mediation prior to Arbitration

CHF-Deland, LLC, vs. Collegiate Development Services, L.P.; Liberty Mutual Insurance Company, Collegiate Contracting Services, L.P., HLR Architects, Inc., Bruce W. Rachel, Basharkhah Engineering, Inc. and Henry Q. Santos, vs. Tri-Tech Air Conditioning Co. and International Fidelity Insurance Co.; Case # 2011 11709 CIDL, 7th Judicial Circuit Court, Volusia County, Florida