Michael H. Jones

Arizona / California / Nevada / Hawaii
760-634-3884 mike.jones@mhjmep.com

CURRICULUM VITAE (2026)

EXPERIENCE SUMMARY

Michael Jones has over forty (40) years of experience in the design, budgeting, estimating, permitting, construction and commissioning of Heating Ventilation and Air Conditioning (HVAC), Piping, Plumbing, and Controls systems for healthcare, commercial, retail, residential, hospitality, gaming, industrial, military, educational, laboratory, and institutional facilities. Mr. Jones's background includes three (3) years as a sheet metal fabricator; four (4) years as a carpenter/mason; six (6) years as a HVAC & Plumbing draftsman/designer; and twenty-eight (28) years of direct project management responsibility, including eight (8) years as a corporate officer; and three (3) years as a branch manager. Project management experience includes system design; estimating; proposals; contract negotiations; scheduling; material, equipment & subcontractor procurement; logistics planning; labor supervision; project close-out. Mr. Jones has in-depth experience with commercial, OSHPD (California's healthcare permitting agency), and military standards & specifications. Advanced level of proficiency with MS Project, MS Word, MS Excel, AutoCAD and numerous other software systems. Licensed California Contractor since 1986, Classes: B (General Building) and C20 (Warm-Air Heating, Ventilating and Air-Conditioning).

PROFESSIONAL EXPERIENCE

Expert Consultant - California / Nevada / Hawaii / Arizona **2012 - Present**
Expert Witness & Construction Management Consultant
Providing consultation services in the HVAC, Piping, Plumbing, and General Building industries in the areas of: Expert Witness, Forensic Analysis, Construction Management; Systems Design; Budgeting; Estimating; Planning; Contract Negotiation & Administration; Scheduling; Material/Equipment Procurement; Field Operations; Start-up Test & Balance; System Commissioning; System Service & Maintenances, Disputes Resolution. Provided Owner's Rep and Construction Management Services in 2020-22 for $8.5M+ in construction defect repairs at Sky Las Vegas hi-rise condominiums.

Rider Levett Bucknall - Honolulu, HI **Apr 2014 - May 2016**
Senior Construction Manager
Senior onsite team leader representing the Owner on all aspects of the design and construction of a new $200M 6-story 180K SF NICU/PICU hospital tower at the fully operational Kapiolani Medical Center for Woman and Children in Honolulu. My duties as team leader are to ensure that the general contractor is complying with the contract documents, quality assurance, site management, architect/contractor document interpretation resolution, scope change negotiation and processing, daily/monthly reports, conduct and document all OAC and hospital operational & construction coordination meetings, and represent the Owner in all decisions and directions to the general contractor and consultants. I also fulfill the role additional Senior support on Mechanical Plumbing and Electrical systems issues. Resolved multi-million Delay Clams in favor of the Owner.

AECOM, Inc. (Energy Group) - Solana Beach, CA **Jun 2007 - Mar 2013**
Project Management Group Leader / Director of Projects / Sr. Project Manager
Manager for all Project & Construction Managers in the Energy Efficiency group in the Western Region. Participated in ESCO business development and lead numerous pursuits. Project Manager / Executive in Charge for the design and construction of turn-key Performance Contracting projects including:

- ***NASA Ames Research Facility***, Mountain View, CA. Project Manager for $$22M UESC project from development through design and construction. This project comprised of HVAC, water conservation, lighting retrofits, controls retrofits, and retro commissioning on 138 building campus.

- ***Salinas Valley Memorial Hospital***, Salinas, CA. Project Manager for the design and construction of 23K SF 3-level central energy plant (CEP) and 700 LF utility distribution tunnel to serve existing acute care and new replacement hospital. The new CEP includes 3,600-tons chillers, 10MW of emergency generators, 8K lbs/Hr steam, and all medical gas systems. Performed modifications to Co-Generation systems.

- ***CSU Chico Energy Conservation Improvements,*** Chico, CA.
  Project Manager for $8.5M project including (2) 1500-ton Chiller replacements and pump/piping modifications, multiple VAV system conversions, and multiple lighting retrofits.

Control Air, Inc. - San Diego, CA **Jun 2004 - Sep 2006**
Vice President San Diego Division
Complete responsibility and authority managing an autonomous San Diego branch of this 36 year old $160M per year mechanical contractor. Responsible for annual planning, business development, systems design, permitting, construction, field operations, systems maintenance & service. Closed out non-profitable jobs. Created and implemented purchase order procedure resulting in change from 100% defective to near zero defects. Created local piping and service departments. Expanded client base and increased tenant improvement sales 200%. Increased profitability from substantial losses to significant net positive earnings in 14 months. Some projects I also personally acted as Project Manager on include:

- ***Kaiser Hospital Observation Unit*** and several other *Kaiser Permanente* TI projects in San Diego, CA. Project Manager of several projects including the new Observation Unit at Zion facility.

- ***Qualcomm Buildings* AT, AS & AQ**, San Diego, CA. Project Manager / Executive in Charge of (3) Mid-rise multi-floor tenant improvements utilizing water source heat pumps.

- ***655 Broadway****,* San Diego, CA. Project Manager / Executive in Charge for 20 floors of HVAC tenant improvements in this high rise office building utilizing VAV systems.

- ***Canyon Crest Academy****,* San Diego, CA. Project Manager / Executive in Charge for HVAC systems on this new $103M high school.

ACCO Engineered Systems, Inc. - Glendale, CA **Nov 2002 - Jun 2004**
Sr. Project Manager
Performed project management, engineering, estimating and sales for the design and construction of mechanical systems on design-build projects including:

- ***Children's Hospital,*** Los Angeles, CA. Project Manager on pre-construction of nine story new inpatient tower, and constructed modifications to Central Plant 24" dia. Chilled Water piping.
- ***Harrah's Rincon Resort & Casino,*** Valley Center, CA. Sr. Project Manager on new 21-Story hotel tower, 40,000 SF casino expansion, and central plant expansion. This was a design-assist fast track project.
- ***Pomona College Biology Building,*** Pomona, CA. Project Manager on new 46,000 SF 3-Story structure with laboratories, classrooms, and equipment rooms.

A.O. Reed & Co. - San Diego, CA **Sep 1998 - Nov 2002**
Vice President of Business Development
Responsible for new construction sales and pre-construction services. Averaged $40M per year in mechanical systems sales. Provided project planning, scheduling, manpower logistics, and contract negotiations. Some major projects include:

- ***San Diego Padres PetCo Park,*** San Diego, CA. Preconstruction Manager for the HVAC and Plumbing systems on the San Diego Padres ballpark.
- ***R. W. Johnson Pharmaceutical Research,*** La Jolla, CA. Preconstruction Manager for the HVAC and Plumbing systems on new bio-pharmaceutical research laboratories and offices building.
- ***Callaway Golfball Manufacturing,*** Carlsbad, CA. Preconstruction Manager for the HVAC and Plumbing systems on new $200M state of the art manufacturing facility
- ***Agua Caliente Casino,*** Rancho Mirage, CA. Preconstruction Manager and Project Executive for Plumbing systems on new 45,000 SF casino.
- ***UCI Hewitt Hall Research Lab,*** Irvine, CA. Preconstruction Manager for the HVAC and Plumbing systems on new research laboratory building.
- ***UCI Natural Sciences Lab II,*** Irvine CA
  Preconstruction Manager for the HVAC and Plumbing systems on new research laboratories and offices building.
- ***UCI Sprague Hall***, Irvine, CA. Preconstruction Manager for the HVAC and Plumbing systems on new bio-tech educational and research laboratory building.

Cal-Air, Inc. - San Jose, CA **Jan 1996 - Sep 1998**
Sr. Project Manager / Sales Engineer
Performed project management, engineering, estimating and sales for the design and construction of HVAC systems on predominately design-build projects including:

- ***ROHM IC Fab Expansion,*** Santa Clara, CA. Project Manager for the construction of HVAC, Piping, and Plumbing systems for Class 10 semiconductor wafer fabrication clean rooms.
- ***Ascend Communications Corporate Campus,*** San Leandro, CA. Project Manager for design and construction of HVAC systems in a new multi-building campus of approx. 500K SF. Ascend was later acquired by Cisco Systems.
- ***Premisys Communications****,* Fremont, CA. Project Manager for the HVAC new construction of new 45K SF building utilizing VAV systems.
- ***Etec***, San Jose, CA. Project Manager for the HVAC new construction of 52K SF building utilizing VAV systems.
- ***Bio-Rad***; San Jose, CA. Project Manager for the HVAC new construction of new 65K SF building utilizing VAV systems.

Weather Engineering, Inc. - San Diego, CA **Jul 1992 - Dec 1995**
Project Manager
Performed project management for the design and construction of mechanical systems on high-tech laboratory facilities and commercial projects. Implemented the usage of new and effective state of the art scheduling, design, and project cost tracking systems. Projects include:

- ***Baxter Immunotherapy Division****,* Lakewood, CA. Project Manager for HVAC, Piping and Plumbing systems for new tenant improvement of biotech research facilities in existing shell building.
- ***Brooktree****,* San Diego, CA. Project Manager for HVAC, Piping and Plumbing systems for new electronic engineering laboratory research facility.
- ***Amylin Pharmaceuticals Lab Expansion***, San Diego, CA. Project Manager for HVAC, Piping and Plumbing systems for biotech research facility.
- ***Viagene L*ab Expansions**, San Diego, CA. Project Manager for HVAC, Piping and Plumbing systems for biotech research facility laboratory.
- ***La Jolla Museum of Arts****,* La Jolla, CA. Project Manager for the construction of new HVAC and Plumbing systems for this major art museum remodel.
- ***Alliance Pharmaceuticals Pilot Plants 1, 2 & 3***, La Jolla, CA. Project Manager the design and construction of HVAC, Piping, and Plumbing systems for cGMP pharmaceutical manufacturing pilot plants comprised of Class 100 to Class 100 clean rooms and support gases.

- ***Pilkington Barnes Hind,*** San Diego, CA. Project Manager for the construction of CL-1000 clean rooms and 10% RH dry rooms HVAC & Plumbing systems within an existing shell building for plastic material handling and fabrication of contact lenses.

Walsh Engineers / Miller Engineering / Rosenblatt & Sons / NASSCO **1989 - 1992**
HVAC & Piping Designer and Field Production Liaison Engineer
HVAC, Piping and Plumbing design consultant to San Diego and Seattle area mechanical engineers, contractors, and shipbuilder clients. Commercial projects including numerous health care facilities. Performed system analysis and design, load calcs, equipment selection, duct and piping design and complete document preparation. Extensive use of AutoCAD and energy analysis programs. For NASCO I provided design checking and production engineering services for HVAC and Piping systems on AOE class ships.

Design Air / Integrated Energy Systems - San Diego, CA **1986 - 1989**
Principal
As a HVAC Design-Build Contractor I performed marketing, sales, estimating, engineering, design, purchasing and supervision of numerous commercial, institutional, and residential HVAC projects in Southern California. Established recognized expertise in water-source heat pump, cogeneration, and solar technologies as well as control systems and energy management. Average yearly sales of $8 million.

Draftsman/Designer - Seattle WA / San Diego, CA **1982 - 1986**
Independent Contractor
Provided contracted drafting and design services for HVAC, Piping, and plumbing for numerous mechanical engineering forms including Merle Strum Assoc., Popov Engineers, Nickum & Spaulding, Solar Contractors, Mason Engineering.

Hawkes Masonry - Seattle, WA **1977 - 1981**
Carpenter / Mason
Initially employed as day laborer, advanced to concrete/block/brick mason and residential framing carpenter.

Tru-Mar Fabricators - El Cajon, CA **1975 - 1977**
Sheetmetal fabricator
Initially employed as shop custodian, advanced to journeyman stainless steel food service equipment fabricator.

US Army **1974**
Honorable discharge for service-related injury.

EDUCATION

- Platt College, San Diego - AS level in Architectural & Mechanical Drafting & Design, 1981
- Carrier Corp. – HVAC Technical Development Programs, 1993
- Austin Group - Design & Operation of Cleanrooms and Bio-Cleanrooms, 1994
- Siemens - DDC Controls Design & Specification Program, 1997

CERTIFICATIONS AND LICENSES

- California Sate Contractors License No. 486286 Classes: B (General Building) and C20 (Warm-Air Heating, Ventilating and Air-Conditioning), issued 1986
- Certified CA DVBE & MSBE (CA Supplier #1752382)

SPEAKING ENGAGEMENTS

- UC Irvine Design-Build Symposium 2000 – Featured Speaker; Panel Participant
- UC Irvine Design-Build Symposium 2001 – Panel Participant
- UC Irvine Design-Build Symposium 2002 – Panel Participant

ARTICLES PUBLISHED: none

EXPERT WITNESS EXPERIENCE

- Designated expert for plaintiff: CAMPBELL v. MARNELL CARRAO
  Clark County District Court Case No. A-12-654553-C
- Designated expert for defendant LDI MECHANICAL in the case of:
  JDP CH INVESTMENTS, L.P. v. ACCELERATED WATERPROOFING, INC., et al.
  San Bernardino County Superior Court Case No. CIVDS1612512
- Designated expert for defendant AIRGAS in the case of:
  GRAYCON, INC. v. PASADENA HOSPITAL ASSOCIATION, et al.
  County of Los Angeles, Central District Case No. GC050351
- Designated expert for defendant L.R. SHRUM HEATING & AIR in the case of:
  BONAIR STREET ASSOCIATES LLC v. COASTAL DEVELOPMENT COMPANY
  San Diego Superior Court Case No. 37·2015-00021785-CU·CD·CTL
- Designated expert for defendant: GRIFFIN TEITGEN v. BELL PRODUCTS, INC.
  Napa County Superior Court Case No. 16CV001001
- Designated expert for defendant SOUTHWEST PIPELINE in the case of:
  TADDONIO v. CITY OF SAN DIEGO, et Al
  San Diego Superior Court Case No. 002979-059321-GD-O 1
- Designated expert for plaintiff: CLAUDE MARTIN v. FLEMING MARINE REFRIGERATION
  San Diego Superior Court Case No. 37-2016-00007822-CU-PO-CTL

- Designated expert for defendant REACO Heating & Air in the case of APPLEBY V. DOBLE
  Santa Clara Superior Court Case No. 16CV399391
- Designated expert for defendant: GARCIA V. ZABROWSKI
  County of Los Angeles, Central District Case No. BC694953
- Designated expert for defendant: IVES V. THE OAKHURST ASSOCIATION
  County of Los Angeles, Central District Case No. BC683337
- Designated expert for defendant: C.W. DRIVER, INC. V. LEGENDARY STRUCTURES
  County of Los Angeles, Central District Case No. BC629534
- Designated expert for defendant Dave's Heating & Air in the case of OTTO V. KASSABIAN
  County of Los Angeles, Central District Case No. SC129585
- Designated expert for defendant Facilities Mechanical Services in the case of ALLGIRE GENERAL CONTRACTORS V. BROADWAY LLC
  San Diego Superior Court Case No. 37-2018-00027046-CU-PO-CTL
- Designated expert for defendant National Air in the case of FLORES V. NICO's TACO SHOP
  San Diego Superior Court Case No. 37-2019-00060575-CU-PO-CTL
- Designated expert for defendant Burton Heating & Air Conditioning in the case of SONOMA CHO V. RICHARD BURTON
  County of San Sonoma Case No. SCV-267414
- Designated rebuttal expert for Alpha Mechanical in the case of PENN V. BILBRO
  United States District Court Southern District Of California Case No. 16-CV-00003-WQH
- Designated expert for defendant KDC Construction, Inc. in the case of MULTIPLE V. CHIPOTLE MEXICAN GRILL, CIRKS CONSTRUCTION dba KDC CONSTRUCTION
  County of Los Angeles, Central District Case No. 22STCV07075

- Retained expert for defendant in multiple pre-litigation matters (50+).

DEPOSITIONS AND TESTIMONY

- Deposition. CAMPBELL V. MARNELL CORRAO / August 2014
- Deposition. MARTIN V. FLEMING MARINE / March 2017
- Deposition. HOUSE OF CB V. PLANET HOLLYWOOD / November 2021