

KEVIN HASTINGS, P.E.
CURRICULUM VITAE
September 1, 2023

EDUCATION AND TRAINING

- California Polytechnic State University
Bachelor of Science in Mechanical Engineering, 2003
- Carrier Technical Development Program, 2005
- HVAC Systems Design and Control Certificate Program
University of California, San Diego, 2006
- Construction Inspection Technology Program
San Diego State University, 2007
- Training courses in mechanical design, fire protection code compliance, commissioning, accessibility, and forensic photography

PROFESSIONAL REGISTRATION

- Licensed Professional Engineer
 - California (#M34059)
 - Arizona (#77473)
 - Arkansas (#17318)
 - Connecticut (#31941)
 - Florida (#PE92081)
 - Hawaii (#PE-20164)
 - Idaho (#17015)
 - Montana (#PEL-PE-LIC-59389)
 - Nevada (#023665)
 - Oklahoma (#29072)
 - South Dakota (#13138)
 - Vermont (#018.0123253)
 - West Virginia (#26157)
 - Wyoming (#PE15781)
- National Council of Examiners for Engineering and Surveying
Records, NCEES (#63576)

PROFESSIONAL CERTIFICATION

- Certified in Plumbing Design, American Society of Plumbing Engineers (CPD # 82543)
- Certified Carbon Monoxide and Combustion Analyst, National Comfort Institute, Inc (#21-079-08)
- Certified Fire Protection Specialist, National Fire Protection Association (#1131116-CFPS)

PROFESSIONAL AFFILIATIONS

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), 2006-Present
- American Society of Plumbing Engineers (ASPE), 2009-Present
- National Fire Protection Association (NFPA), 2009-Present

EXPERIENCE

2004 – Present
Ivey Engineering, Inc. San Diego, California
Senior Consultant

Senior Consultant for Ivey Engineering, Inc., an engineering and construction consulting firm. Specializes in HVAC and plumbing system and product testing and analysis. Responsibilities include forensic consulting and design of HVAC, plumbing and fire protection systems and controls. Performs site inspections, condition assessments, testing, research, product analysis, cost estimating and construction phase consulting. Issues reports, and testifies in depositions and trials.

Experience includes:

- Approximately 50 HVAC and plumbing design projects
- Approximately 30 design error and omission expert engagements
- Approximately 40 commercial and industrial consulting and construction defect expert engagements
- Approximately 160 low-rise residential consulting and construction defect expert engagements
- Approximately 70 high-rise residential consulting and construction defect expert engagements
- Approximately 10 government facility consulting and construction defect expert engagements
- Five HVAC and plumbing commissioning projects
- Approximately 30 product defect engagements
- Approximately 25 property assessment engagements

2001 – 2003

**Cal Poly State University
Engineering Services**

San Luis Obispo, California

Facilities Engineering Assistant

- Preventative maintenance and inspection of central boiler plant, chiller plant, and campus-wide HVAC, refrigeration, and process steam systems.
- Trained and supervised student employees.
- Performed drawing review and as-built surveys of campus mechanical systems.

2000

**King's Air Conditioning and Refrigeration
HVAC Apprentice**

Santa Clarita, California

- Commercial and residential HVAC service and installation.

1999-2000

**Mojave Unified School District
Instructional Technology Support**

Mojave, California

- Software, hardware, and network installation and support at district schools and facilities.