

David Luhm is a Senior Consultant at ESi. He is a Mechanical Contracting professional with over forty years of total experience in the industry. He started his career working as a plumber's apprentice--eventually becoming a Licensed Master Plumber. Building on his background as a Master Plumber, he became a Project Manager and an Estimator, capacities he has continued to work in for over 35 years. As Project Manager and Estimator, he has a proven record of accomplishment that spans from the actual installation of plumbing and mechanical systems to managing, both the construction and servicing of mechanical systems, estimating, and negotiating projects ranging from single family residences to prisons, industrial facilities, and hospitals. His knowledge and experience in the construction industry is reflected in the number of multidiscipline projects he has estimated and managed.

Other acknowledgements include being on the board of directors of the Minnesota Plumbing, Heating, and Cooling Contractors' Association (2001 –2008), the San Diego chapter of the American Society of Professional Estimators (2013-2020), a voting member of the Minnesota Plumbing Board (1997-2008): Minnesota Water and Gas Plumbing Code (1997-2008) and the Minnesota legislative Code (1997-2008).

Education

Beginning and Advanced Training on using Estimation Inc. and Trimble MEP estimating systems

Western Lake Superior Plumbers and Steamfitters Joint Apprenticeship Certificate (5-year Program)

Licenses & Certifications

- Licensed Master Plumber, State of Minnesota 0035929PM
- Licensed Journeyman Steamfitter, State of Minnesota 36847
- Licensed Journeyman Plumber, State of Wisconsin JP009744
- Licensed HVAC C-20 Contractor, State of California 943461
- Certified High Pressure Pipe Welder, State of Minnesota, and State of Wisconsin

Contact Information

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ESi Irvine

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Areas of Specialization

- HVAC, Plumbing, & Refrigeration
- Boilers
- Design Analysis
- Construction Administration
- Construction Materials
- Inspection Services
- Pipelines
- Fire Protection

- OSHA Confined Space Certification, Permit Required and Non-Permit Required
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Positions Held

Engineering Systems Inc., Irvine, California

- Senior Consultant, 2022 to present

Holmgren Construction, Lucerne Valley, California

- Forman, Superintendent, Project Manager, Estimator, 2020-2022

Countywide Mechanical Systems, San Diego, California

- Project Manager, 2017-2020

Alpha Mechanical, San Diego, California

- Senior Project Manager/Chief Estimator, 2014-2017

California Comfort Systems, San Diego, California

- Senior Estimator, 2012-2014

Allied Subcontractors Corporation, Artesia, California

- Senior Estimator/Director-Plumbing and Mechanical Divisions, 2011-2012

Plumbing and Mechanical Estimating and Consulting, Indio, California

- Self-Employed/Freelance, 2010-2011

Andersen Commercial Plumbing, San Dimas, California

- Project Manager/Estimator, 2009-2010

WMI Contractors, Coachella, Artesia, California

- Senior Estimator/Director of Estimating, 2008-2009

Stack Bros. Mechanical Contractors, Superior, Wisconsin

- Project Manager/Purchasing Agent/Estimator, 2000-2008

General Heating and Mechanical Company, Duluth, Minnesota

- Project Manager/Purchasing Agent/Safety Coordinator/Estimator, 1996-2000

On Time Professional Plumbing Services, Rancho Mirage, California

- Owner/Estimator/Technician, 1992-1996

Bear Mechanical, Palm Desert, California

- Vice President, 1983-1992

Arrowhead Mechanical, Duluth, Minnesota

- Journeyman Plumber/Pipe Fitter, 1982-1983
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Professional Affiliations/Honors

Northern Mechanical/Plumbing Contractors Association

- Member from 1997 to 2008
- Minnesota Plumbing Code
- Water and Gas Plumbing Code
- Minnesota Representative, Legislative Committee

Board of Directors, Minnesota Plumbing, Heating, and Cooling Contractors Association

- Member from 2001 to 2008

Board of Directors, American Society of Professional Estimators (ASPE)

- Held 3rd Vice President seat

Chapter 4 San Diego

- Member from 2013 to 2020

Chapter 4 Estimator, American Society of Professional Estimators (ASPE)

- Chapter 4 Estimator for the year 2017