

John Harrington | Forensic Mechanical Engineer, P.E.

9316 Lakeview Avenue, Building 21-C, Lakewood, WA

206-437-7275

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Professional Summary:

Mr. Harrington is a licensed mechanical engineer with 10 years of experience in the design and evaluation of mechanical system for buildings. Mr. Harrington has a B.S. of Engineering Physics from Santa Clara University.

Areas of Expertise:

- HVAC system design
- Plumbing design engineering
- Energy code compliance

Licenses and Certifications:

Professional Engineer, Idaho, P-21549
Professional Engineer, Washington, 56393
Professional Engineer, Oregon, 101129PE
Professional Engineer, Montana, PEL-PE-LIC-87095
Professional Engineer, Alaska, ME-204396
Professional Engineer, Colorado, PE.0062038

Project Experience:

Connolly Plumbing Valley County, LLC, Mountlake Terrace, WA

Mechanical Forensic Engineering: Plumbing Failure Joint Inspection

Master Bathroom sink PEX fitting cause of failure investigation representing plumbing installation contractor. Cause of failure written report provided to client.

Amazon Sortation Center, Vacaville, CA

Mechanical Engineering HVAC Consultant

Warehouse distribution center HVAC and plumbing design including permitting, construction administration, and commissioning services. Design including heating, cooling, ventilation, and domestic plumbing systems design for a 300,000 square foot ground up facility.

West Woodland Elementary School Addition, Seattle, WA

Mechanical Engineering HVAC Consultant

Design and development of 20,000 square foot addition to existing elementary school. Design included new classroom wing and gym/commons area improvement. Design extended existing ground-source heat pump condenser water system.

Professional Experience:

EFI Global, Mechanical Engineer, 2022 – Current
HV Engineering, Inc., Mechanical Engineer, 2020 - 2022
Hargis Engineers, Inc., Mechanical Engineer, 2019 - 2020
Rushing, Co., Mechanical Engineer, 2018 – 2019
Robison Engineering, Inc., Mechanical Engineer, 2013-2018

Specialized Education:

Fundamentals of Artic Engineering, Thomas Ravens PhD Professor of Civil Engineering, 2022
Advanced Roof Certification, David Amori, 2022

Education:

Bachelor of Science, Engineering Physics, Santa Clara University, Santa Clara, CA, 2007

Affiliations:

ASHRAE, Associate Member, 2022