



## **NATHAN HO, P.E.**

Nathan Ho is a Registered Mechanical Engineer with a B.S. in Mechanical Engineering from the University of Washington and has been with Taylor Engineering since 2011. As an undergraduate, Mr. Ho designed, built, and lab tested two Polymer Electrolyte Membrane (PEM) fuel cells and has a strong interest in energy conversion. During his junior and senior years of study, Mr. Ho joined McKinstry, an HVAC design-build contractor, as an intern for their Energy department performing energy audits and composing energy models. After graduation, Mr. Ho transferred to McKinstry's Engineering department and spent three years designing HVAC systems, composing energy models, performing engineering calculations for various LEED EB, CS, and NC projects, and supporting commissioning of HVAC systems.

At Taylor Engineering, Mr. Ho's responsibilities include HVAC systems design, HVAC control systems design, and energy modeling and analysis.

Mr. Ho is an active member of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) and serves on the project committee for Standard 62.1 (Ventilation for Acceptable Indoor Air Quality).



# Taylor Engineering<sup>LLC</sup>

1080 Marina Village Parkway, Suite 501 ■ Alameda, CA 94501-6427 ■ (510) 749-9135 ■ Fax (510) 749-9136

## **NATHAN HO, P.E.**

### **Education**

2008            University of Washington, B.S. Mechanical Engineering

### **Registration and Accreditation**

2011 – Present    State of California: Mechanical Engineer, M-35681  
2011            Mitsubishi Diamond Designer Level 2  
2010            Mitsubishi Diamond Designer Level 1  
2008            U.S. Green Building Council, LEED® Accredited Professional

### **Experience**

2011 – Present    Taylor Engineering, Alameda, CA  
Mechanical Engineer. Specializes in sustainable building design including load calculations, energy analysis, HVAC system and controls design, and commissioning.

2008 – 2011      McKinstry, Seattle, WA  
Engineer. Responsible for HVAC design tasks with an emphasis on supporting energy efficiency projects. Generate load calculations, perform load profile analysis, and create one-line system diagrams and sequence of operations narratives. Generate engineering design support fees and plan, schedule, and supervise drafters. Responsible for design from development through construction.

2007 – 2008      McKinstry, Seattle, WA  
Energy Engineering Intern. Assist energy engineers with calculations and project data gathering. Coordinate with equipment suppliers for project development. Research equipment specifications and standards for project requirements. Develop facility improvement measures based on data.

### **Professional Associations**

American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE)  
Associate Member 2011 – Present  
Standards Project Committee 62.1 Ventilation for Acceptable Indoor Air Quality, 2011 - Present