

Hyung Ryu, PE, Principal, Plumbing & Fire Protection Engineer (M-22395)

Hyung Ryu has extensive experience in all phases of plumbing and fire protection engineering from design through construction supervision. The projects have included plumbing systems, fire protection systems, process piping and medical and laboratory gas systems. He has over 29 years experience in this field and has served as the Technical Vice President of the American Society of Plumbing Engineers (ASPE) San Francisco. He is also served on Codes and Standards Review Committee of the National Fire Protection Association (NFPA).



Professional Experience:

- Mills-Peninsula Hospital – Hospital Replacement Project, 232-Bed, 400,000 sq. ft. Hospital and 150,000 sq. ft. MOB, \$160 million construction cost, Burlingame, CA
- Kaiser Los Angeles Medical Center - Hospital Replacement project, 448-Bed, 900,000 sq. ft., \$240 million construction cost, Los Angeles, CA
- UC Davis Medical Center - Tower II, 464,000 sq. ft., \$120 million construction cost, Sacramento, CA
- Children Hospital Los Angeles – Hospital Replacement project, \$140 million construction cost, Los Angeles, CA
- California Pacific Medical Center, Cathedral Hill - 600-Bed, 1.7 million sq. ft., \$800 million construction cost, San Francisco, CA
- Kaiser Vallejo Medical Center – 2008 Tower, 188-Bed, 491,000 sq. ft., \$120 million construction cost, Vallejo, CA
- Kaiser Stockton Medical Center - 208,000 sq. ft. Medical Office Building, Ancillary Services and Central Plant, Stockton, CA
- Children's Hospital Oakland - New Patient Services Building, 222-Bed, 400,000 sq. ft., \$112 million construction cost, Oakland, CA
- San Mateo County Health Center - Hospital Expansion, 200-Bed, 394,000 sq. ft., \$110 million construction cost, San Mateo, CA
- Kaiser Vallejo Medical Center – Central Utility Plant project, Vallejo, CA
- Master Plan - Highland Hospital, Summit Hospital, Kaiser Santa Clara Medical Center, Kaiser Redwood City Medical Center, Kaiser South San Francisco Medical Center in California
- Kaiser South Sacramento Medical Center - New Medical Office Buildings and Central Plant, \$19.6 million construction cost, South Sacramento, CA
- Kaiser Emeryville Medical Center - Hospital Replacement project, \$160 million construction cost, Emeryville, CA
- UCSF Health Sciences Instruction and Research (HSIR) Building HVAC Master Plan, San Francisco, CA
- Summit Medical Center - \$30 million numerous misc. projects such as Emergency Expansion, OR's, Dialysis and Seismic Upgrade to meet SB 1953, Oakland, CA

Publication:

Ryu's article on plumbing systems was published in the ASPE data book Volume 2 of Special Plumbing Systems Design, Chapter 18: "Corrosion", and he has spoken to various audiences including Berkeley professors on "The Effects of Water Quality."

Education:

BS, Mechanical Engineering / 1973 - Iowa State University

Registration:

Registered Mechanical Engineer in the State of California
 Certified Plumbing Engineer by ASPE
 Certified Commercial Energy Inspector