

**Mark F. Redmond, PE, CEM, Principal / Project Coordinator (M-21551)**

Mark Redmond has over 25 years of healthcare experience in all phases of mechanical engineering from design through construction supervision for a variety of project types such as hospitals, medical office building, laboratories, clinics, pharmacies, etc. The projects have included HVAC systems, building commissioning and trouble-shooting, master planning, central plants and life cycle analysis of systems. Mr. Redmond is a registered engineer in eight states and is a Certified Energy Manager.

**Professional Experience:**

- Kaiser Oakland Hospital – Replacement Facility Master Plan, Oakland, CA
- Childrens Hospital Los Angeles – Hospital Replacement project, New 278-Bed, Inpatient Tower, 425,000 sq. ft., \$140 million construction cost, Los Angeles, CA
- UCSF Health Sciences East Building (HSE) Improvements Phase I, San Francisco, CA. The mechanical design won First Place in the 2004 ASHRAE Technology Awards for Institutional Buildings.
- UCSF Health Sciences Instruction and Research (HSIR) Building HVAC Master Plan, San Francisco, CA
- The Queen's Medical Center - Master Plan, Honolulu, Hawaii
- San Diego Children's Hospital - Master Plan and Cogeneration Analysis, San Diego, CA
- Kaiser Oakland Medical Center - Chiller and Boiler Replacement, Oakland, CA
- Kaiser Oakland Medical Center - Eye Clinic Renovation, extension of primary Chilled and Hot Water System, Oakland, CA
- Kaiser Oakland Mosswood Building – Air Handling Unit upgrade, Oakland, CA
- Kaiser Vallejo Medical Center - Master Plan, Vallejo, CA
- Kaiser Vallejo Medical Center - DHS Mechanical Upgrades, Vallejo, CA
- Kaiser Richmond Medical Center – New cogeneration system, Richmond, CA
- Kaiser Walnut Creek Medical Center - Data Center Expansion; Addition of 10,000 sq. ft., Walnut Creek, CA
- Kaiser Walnut Creek – New Medical Office Building, Walnut Creek, CA
- Washington Hospital - Master Plan, Fremont, CA
- UC Davis Medical Center - Energy Efficiency Upgrades, Sacramento, CA
- St. Louise Medical Center - New Hospital, Morgan Hill, CA
- Good Samaritan Hospital - Replacement Birthing Unit, San Jose, CA
- Coalinga District Hospital - Replacement Facility, Coalinga, CA
- O' Connor Hospital - Replacement Facility, San Jose, 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
- Washington Hospital – MRI and Security Building, Fremont, CA
- Mt. Diablo Medical Center - Cooling Tower Replacement, Boiler NOX Retrofit, Chilled Water System Analysis and Retrofit, Concord, CA

**Education:**

BS, Mechanical and Environmental Engineering / 1978 - California Polytechnic State University, San Luis Obispo, CA

**Award:**

First Place, ASHRAE 2004 Technology Award for Institutional Buildings in "Recognizing outstanding achievement in the innovative design of buildings in the areas of occupant comfort, indoor air quality and energy conservation".

**Registration:**

Registered Mechanical Engineer in California, Colorado, Arizona, Washington, Oregon, Illinois, Texas and Michigan

Certified Energy Manager

