

## Ted Jacob, PE, CIPE, Principal-In-Charge (M-18692)

Ted Jacob has 30 years of experience in the design of laboratories and healthcare facilities. Mr. Jacob has successfully completed over 700 laboratories and health care projects within the past ten years. He has extensive experience in all aspects of design including master planning, HVAC mechanical, plumbing and fire protection systems evaluation, systems trouble-shooting and construction management and construction administration.

### Professional Experience:

- Kaiser Berkeley Regional Laboratory - 35,000 sq. ft., Laboratory Expansion, 40,000 sq. ft., Biomedical Engineering 30,000 sq. ft., Laboratory Remodel, \$24.5 million construction cost, Berkeley, CA
- Kaiser Richmond Regional Laboratory – Automated Clinical Lab, 50,000 sq. ft. Tenant Improvement, Shell & Core Upgrade, Richmond, CA
- Stanford University Clinical Laboratory – 60,000 sq. ft. Tenant Improvement and Shell & Core Upgrade, Palo Alto, CA
- UCSF Health Sciences Instruction & Research Buildings - HVAC Master Plan & Upgrades 370,000 sq. ft. in two 16-story buildings, \$16.5 million construction cost, San Francisco, CA
- Ernest Gallo Clinic and Research Center – 62,000 sq. ft. Lab / Research Center, 7,000 sq. ft. Animal Holding, 4,500 sq. ft. Admin Bldg. \$14.8 million construction cost, Emeryville, CA
- Montgomery Watson Harza Laboratories, 38,000 sq. ft. Laboratory, \$5.6 million construction cost with Shell & Core construction not included, Monrovia, CA
- Bayer Diagnostics Laboratory – 72,000 sq. ft. 2-story building, 100,000 sq. ft. Parking Garage, \$11,000 million construction cost for Shell & Core Building, \$7.6 million construction cost for Tenant Improvement, Berkeley, CA
- Department of Justice Forensics Laboratory – 67,000 sq. ft., Forensic Laboratory, \$17 million construction cost, Richmond, CA
- Environmental Protection Agency Laboratory – 50,000 sq. ft. Laboratory, \$1 million construction cost, Richmond, CA
- Emery Station North 6<sup>th</sup> Floor - 36,000 sq. ft. Proteom Tech, Kinemed, Thios, and Nanomix Laboratories, Emeryville, CA
- Roche Diagnostic Lab – 42,000 sq. ft. Laboratory / Research, 18,000 sq. ft. Administration, \$10.8 million construction cost, Berkeley, CA
- Palo Alto Medical Foundation – 360,000 sq. ft. Laboratory including Animal Facility Lab, 350,000 sq. ft. Underground parking structure, Palo Alto, CA
- Chiron Corporation – Various projects including Building M-325 Remodel and Hazardous material renovation, life safety upgrade, central utility plant feasibility study, Emeryville, CA

### Education:

BS, Mechanical Engineering /1974 - California Polytechnic State University, San Luis Obispo

### Award:

First Place, ASHRAE 2003 Technology Award for New Health Care Facilities 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 the State of California and Washington, D.C  
 Certified Plumbing Engineer  
 Certified NEBB Building Commissioner

### Affiliations:

ASHRAE - American Society of Heating, Refrigeration and Air-conditioning Engineers  
 ASPE - American Society of Plumbing Engineers  
 CSHE - California Society of Healthcare Engineers - San Francisco Chapter

