

Richard Paillon, PE, Principal, HVAC/Mechanical Engineer (M-16116)

Mr. Paillon has 26 years of experience in the design of mechanical and piping systems for laboratory and healthcare including biotech and semiconductor manufacturing facilities. Mr. Paillon has experience in all aspects of design including master planning, due diligence evaluations of HVAC and plumbing systems, and seismic upgrading. He also has extensive experience in trouble-shooting and construction administration. He is familiar with the following codes: NFPA 13, 14, 20, 90A, 99, 101, Uniform Building, Mechanical, Plumbing, Electrical and Fire Codes.

**Professional Experience:**

- Kaiser Richmond Regional Laboratory – Automated Clinical Laboratory, 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
- Department of Justice Forensic Laboratories - Tenant improvement of 65,000 square feet for DNA testing laboratories, Point Richmond CA
- Bayer Diagnostics APC 4 Building - Tenant improvement of 70,000 square feet for laboratories, pilot plant and offices, Richmond, CA
- Emery Station North 6th Floor - 36,000 sq. ft. Proteom Tech, Kinemed, Thios, and Nanomix Laboratories, Emeryville, CA
- Tosco/Avon Refinery Quality Control Facility - 8,000 square foot product testing laboratory including distribution systems for flammable liquids and 16 fume hoods, Martinez, CA
- Cell Genesys Phase 5, Product Development Laboratory - Plumbing design for design/build contractor. System included validated USP water system and small amount of sanitary steam, Foster City, CA
- Cell Genesys Phase 6 - Steam boiler and distribution system design for design/build contractor, Foster City, CA
- COR Therapeutics, Building F, Phase I - Plumbing design for design/build contractor, So. San Francisco, CA
- Building 57 cGMP Upgrade, Bayer Pharmaceutical Division - Remodel of 6,000 square foot product research laboratory with class 100,000 clean room environment and ambient water for injection heat exchangers, designed to meet validation requirements for FDA current good manufacturing practices, Berkeley CA
- Building 55 Animal Care Facility, Bayer Pharmaceutical Division, Berkeley CA. Upgrade of mechanical systems serving entire building. Remodel of 25 percent of the building, Berkeley CA
- Amgen Building 42 - New storage facility for bulk pharmaceutical materials, Thousand Oaks, CA
- Amgen Building 33 Large Scale Distribution - Modification of existing GMP area for new weighing and distribution equipment, Thousand Oaks, CA

Education:

BS, Mechanical Engineer / 1967 – San Jose State University

Registration:

Registered Mechanical Engineer in the State of California

Affiliations:

ASHRAE - American Society of Heating, Refrigeration and Air-conditioning Engineers, Past President, Golden Gate Chapter