



Commissioning Expertise You Can Trust

With decades of commissioning experience, kW Engineering delivers high-performance buildings across a wide range of project types and complexities. We have successfully commissioned facilities ranging from 20,000 sqft to more than 1.3 million sqft, supporting projects with construction costs between \$6 million and \$160 million.

Beyond project scale, our expertise spans complex mechanical and control systems, including central utility plants, HVAC systems, and advanced controls. Through rigorous whole-building commissioning, we ensure performance, efficiency, reliability, and long-term operational success.

We commission buildings as fully integrated systems, focusing on how mechanical systems, space pressurization, equipment loads, and occupant comfort interact.

Services



Building Commissioning

- Whole-Building Commissioning (Cx)
- System-Level Commissioning
- LEED Commissioning & Title 24 Compliance



Pre-Construction Services

- Owner Project Requirements (OPR) Development
- Design Phase Services
- Controls Design Review
- Energy Modeling



Existing Building Optimization

- Retro-Commissioning (RCx)
- Monitoring-Based Commissioning (MBCx)
- Remedial System Tuning



Specialized Systems

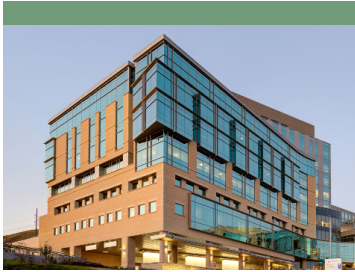
- VRF Systems
- Heat Pumps
- AV (Audiovisual) Commissioning



Representative Experience

01.

Huntsman Cancer Institute
Katheryn F. Kirk Center



Commissioned the \$180M, 220,000-sqft expansion featuring operating rooms, in-patient bone marrow transplant units, clinical, commercial kitchen, and wellness spaces with advanced VAV controls and Phoenix valves to support precise pressurization in a mission critical healthcare environment.

02.

Utah State
Correctional Facility



Commissioned the 1.3M -sqft campus, including chiller and boiler plants, VAV, and lighting systems across 9 buildings serving maximum-security housing, processing, maintenance facility, Data hub, and vocational training centers.

03.

State of
Utah Capitol Hill Building



Delivered commissioning for a 101,000-sqft mission-critical healthcare facility with heat recovery chillers, dual-fuel heating, emergency fuel systems, and extensive integrated systems testing for power loss, gas outages, and seasonal plant transitions.

04.

University of California Law,
San Francisco



Commissioned the 375,000-sqft, \$280M, 14-story UC Law Academe at 198 McAllister, delivering LEED v4.1 Fundamental and Enhanced Commissioning, including Monitoring-Based Commissioning planning, for a mixed-use academic and student housing facility with HVAC systems integrated into the ALC webCTRL BAS.

Commissioning Experience Across Many Facility Types

Healthcare

Katherine F Kirk Huntsman Mental Health | 183,000 Sqft

Kaiser Permanente
120,000 Sqft | LEED | Medical Office Building

Government/Civic

State of Utah North Capitol Building | 151,000 Sqft | Museum, Artifact Archives, & Office Building

The State of Utah Calvin Rampton Office Building
Chiller Plant Upgrade

Salt Lake School District
District Office Building

Higher Education

Mountainland Technical College
82,000 Sqft | Complex Lab Environment | Trades School

University of Utah
Garff Building | 150,000 Sqft | VRF Remediation

SUU School of Business
42,000 Sqft

Salt Lake Community College
Applied Technology Center

Utah Valley University
Alumni & Advancement Center

Sacramento State
LEED | Student Housing

K-12 Education

Utah School for the Deaf and Blind | 32,000 Sqft

Oakland Unified School District
LEED | CHPS | Title 24

Commercial

Synopsys Pathline Campus
330,000 Sqft | LEED | Office & Data Center

MBC Biolabs
150,000 Sqft | LEED, Title 24 | Office & Labs

