



CLEMENT “MIK” MIKULICH, P.E., F.P.E., CEM, CxA, LEED AP BD+C

ADAMS AND ASSOCIATES ENGINEERS, PLLC - PRINCIPAL ENGINEER

Mik is a Principal Engineer and has been responsible for large, small and diverse projects ranging from Municipal Facilities, Aviation, Commercial, Industrial, Educational Facilities, Resort and Healthcare. Mik has experience with HVAC systems, EMCS controls systems, domestic water heating systems, solar water heating, medical gas distribution systems, fire protection systems and fire alarm systems. He has experience in monitoring and analyzing system operations and uses his knowledge as a Professional Engineer and Certified Energy Manager to suggest ways to operate HVAC and electrical systems in the most energy efficient manner. Mik is also a Fire Protection Engineer and a LEED Accredited Professional.

Professional Licensing

Mechanical Engineer #42007
Fire Protection Engineer #58046

Professional Affiliations

- ASHRAE - Member, past Tucson Chapter President
- Association of Energy Engineers (AEE) – Member, Certified Energy Manager (CEM)
- AABC Commissioning Group (ACG) – Member, Certified Commissioning Authority (CxA)
- Building Commissioning Association (BCA) – Member
- USGBC – LEED Accredited Professional, Green Building Design + Construction
- National Fire Protection Association (NFPA) – Member
- Society of Fire Protection Engineers (SFPE) – Affiliate Member

Education

University of Arizona
B.S. Mechanical Engineering, 2000

Additional Training / Certifications

- LEED-NC: Technical Review Workshop, Phoenix, AZ
- HAP for LEED Certification Training, Tolleson, AZ
- Trane Air Conditioning Clinics, Tempe, AZ
- Electric Motor Controls, PCC, Tucson, AZ
- Bell & Gossett Advanced Pump Design School, Morton Grove, Illinois
- BeaconMedaes Medical Gas and Vacuum Systems Training, Phoenix, AZ
- HTP Solar Thermal Training, Tucson, AZ
- SFPE Fire Protection Engineering PE Exam Online Prep Course

Project Experience Summary

Green Valley Hospital; Green Valley, Arizona

The new 148,000 sq. ft. hospital included operating rooms, emergency department, radiology department, pharmacy, administration offices, 200 in-patient beds, and a cafeteria. Mik provided whole-building commissioning services and wrote all commissioning documents including Prefunctional Checklists, Functional Performance Test procedures, the Commissioning Report, and the Systems Manual to meet Green Globes requirements.

El Rio Community Health Center Congress Street Redevelopment; Tucson, Arizona

Mik designed the HVAC, plumbing and fire protection systems, including LEED documentation, Energy Modeling, and Fundamental Commissioning. This new construction, two story 50,000 sq. ft. medical office building includes a same-day clinic, midwifery, dental exam rooms, pharmacy, and small restaurant.

Tucson International Airport Cooling Tower Replacement; Tucson, Arizona

Mik developed schematic phasing plans to establish the most effective replacement plan. He removed the existing cooling towers and sweeper separator systems and piping modifications for the replacement towers. He modified the electrical feeders and circuiting to connect the replacement towers and condenser water controls to handle the replacement towers.

Other Experience Includes

Desert Diamond Casino - Sahuarita, Arizona
Indian Health Care Center Building; Winslow, Arizona
JW Marriott Tucson Starr Pass Resort; Tucson, Arizona
Papago Park Readiness Center; Phoenix, Arizona

TIA Chiller Replacement; Tucson, Arizona
TIA Concourse Renovations; Tucson, Arizona
CNG Central Plant Upgrade; Tucson, Arizona
HUMINT General Instructional Building; Ft. Huachuca, Arizona