



Fred L. Richardson P.E.

Senior Mechanical Engineer



Education

Oklahoma State University
Bachelor of Science,
Mechanical Engineering
1971

Professional Registration

Oklahoma
Kansas
Nebraska

Professional Associations

ASHRAE
ASME
CSI
NSPE
OSPE
IGSHPA
USGBC

Years of Experience

42

Mr. Richardson joined EDA in 2004 as Senior Mechanical Engineer for all projects. He has been associated with EDA as a consultant since 1991. He has 42 years of experience working on a variety of engineering projects, including work for hospitals, institutions, universities, schools, commercial office buildings, public facilities, and churches. Mr. Richardson has designed HVAC systems of all types including chiller/boiler projects as well as ground-coupled heat pump projects.

Selected Project Experience - Mechanical Engineering:

St Anthony Pavilion: 5 story Hospital Addition

Integrus Mental Health Center Remodel, Spencer, Oklahoma

OU Medical Clinic at Schusterman Center, OU Tulsa

Harold Hamm Diabetes Center at Schusterman Center, OU Tulsa

Replace Boilers, Creek Nation Community Hospital, Okemah, Oklahoma

St. Anthony Hospital, Oklahoma City, OK

┌ New Surgery Addition

┌ Neurology Department Relocation

┌ South Tower HVAC Upgrade

┌ Wound Care Center

┌ Interventional Radiology Department

┌ 5th Floor Neurology Renovation

┌ Cardiac Emergency Department Renovation

┌ Pre-Op Holding at Bone and Joint Hospital

Stillwater Medical Center, Stillwater, OK

┌ Emergency Department Addition

┌ Wound Care Clinic

┌ Cardiology Clinic

┌ Third Floor Patient Wing Renovation

Casady School Math Building (LEED), Oklahoma City, Oklahoma

Pharmacy Upgrade, Jackson County Hospital, Oklahoma

Variety Health Clinic – Straka Terrace Renovation, OKC

Variety Health Clinic – Lafayette Renovation, OKC

KTUL Addition and Chiller Replacement, Tulsa, Oklahoma

Rogers State University, Student Center, Claremore, Oklahoma

Rogers State University, Baird Hall, Claremore, Oklahoma

Multifunction Lab Renovation, Tulsa, Oklahoma