



JOHNSON CONSTRUCTION CONSULTING LLC
POWER PERFECTED



Xiaosu Ding, Ph.D.
Civil Engineer

ARCHITECT & ENGINEERING TEAM
www.johnsonconstructionconsulting.com

XIAOSU DING

CIVIL ENGINEER

10+ years of Engineering Project Management. Technical and Academic experience in Architectural Engineering and Environmental Safety. Ensure Compliance with Contracts and Regulatory Requirements. Environmental & Building Systems Analyst Expert. Develop Structural Designs, Review Drawings, Drafting, Routine Design, Material Data Entry, Quality Control Background includes energy usage, and volatile compound monitoring using high-end instrumentation.

QUALIFICATIONS

- Ph.D. in Civil Engineering (GPA 3.97/4.0), Purdue University, USA
- M.S. in Civil Engineering, Arizona State University
- Master of Science in Civil Engineering (GPA 3.3/4.0), Arizona State University
- Master of Science in Construction Management (GPA 3.9/4.0), Arizona State University, USA (2019)
- First aid & CPR Trained

PROFESSIONAL EXPERIENCE

10+ years of Engineering Project Management

- Architectural Engineering and Environmental Safety
- Ensure Compliance with Contracts and Regulatory Requirements
- Environmental & Building Systems Analyst Expert
- Designed Field Visits and Lab Analysis Protocols
- Weatherization and Environmental Sensing Project
- Develop Structural Designs
- Review Drawings
- Drafting
- Routine Design
- Material Data Entry
- Quality Control
- Evaluating and characterizing nanoparticle emissions using HR-ELPI+
- Evaluating and characterizing volatile organic compounds using PTR-TOF-MS
- Evaluating photoionization detector's measurement performance on VOC mixture measurement with PTR-TOF-MS
- Instrumentation: PTR-TOF-MS, HR-ELPI
- Past Employer: University of Oklahoma Health Sciences, USA, Purdue
- Software: AutoCAD, Revit, Success Estimator, EnergyPlus and Open studio, Sketchup, Office

TECHNICAL ABILITIES

INSTRUMENTATION

- Instrumentation
- PTR-TOF-MS, HR-ELPI+

SOFTWARE

- AutoCAD
- Revit
- Success Estimator
- EnergyPlus
- Open studio
- Sketchup
- Office Microsoft

PROGRAMMING

- MATLAB, R, C++

ROLE FOR DISTRICT PROJECTS

- Will serve as Engineering Technician V
- Drafting, Routine Design, Material Data Entry
- Ensure Compliance with Contracts and Regulatory Requirements

RELEVANT EXPERIENCE

Project Name: Oklahoma Environmental Sensing Project
Performance Scope: Civil Engineer

Project Name: China Lake Project
Performance Scope: Civil Engineer

- Civil Engineering
- Architectural Engineering
- Environmental Safety
- Drafting
- Routine Design
- Material Data Entry

LICENSES

- FE Civil Engineering

CERTIFICATIONS

- HAZWOPER Certification
- First aid & CPR Trained

EDUCATION

- M.S. in Civil Engineering, Arizona State University
- Bachelor Civil Engineering, Shenyang Jianzhu University (China)

PAST PERFORMANCES

Project Cost: 1.75 M

Project Name: Oklahoma Weatherization and Environmental Sensing Project, OK

Performance Scope: Civil Engineer

- Led the community-engaged project
- Coordinated the Researchers
- Coordinated the Local Agencies and other participants
- Designed the field visit and Lab Analysis Protocols
- Conducted and collected data from environmental sensing and sampling during field visits

Project Cost: 1 M

Project Name: China Lake

Performance Scope: Civil Engineer

- Supported Structural Design Team
- Reviewed Drawings
- Collaborated to Develop the Structural Design
- Collaborated to analyze and validate the Structural Design Plan for the existing and new buildings.

