

Kenneth D. Rodgers

(NOTE: willing to relocate to New York-Texas-Michigan-Ohio- or any other location)

Education

University of Detroit Detroit, MI

Bachelors of Science – Mechanical Engineering

Northwestern University Evanston, IL

Master of Engineering – Management Program

PhD Mechanical Engineering- (N.A.S.A) Kennedy Space Center

*****P.E. License (MID-WEST=IL-OH-WISC)******

Community Design Center Lansing, MI

Certified in Drafting and Design

General Motors School of Technology

Certified in AutoCAD operation

Professional Experience

K.D. Rodgers Engineering Inc (President Chief Engineer)

02-

01-2021- to present

Design different HVAC system in local area (including AUTO)

Projects: MaryView Hospital (Portsmouth)- Green Sr. Laundry Service (Portsmouth) Taco Place (Portsmouth)

U.S. Navy (Portsmouth, Va.

01-01-18 -01-01-21 (off per covid-19)

Senior Contract MEP Engineer Chief /Manager

Review and Design Mechanical System

Review Construction Design

POSITIONS:

MEP Senior Engineer - Senior Project Manager

- Reviewing total MEP and Code review
- Design to code and cost estimating, checking estimating accuracy
- Test for HVAC balance

Associated Builders & Contractors, Inc., Chicago Chapter

7/2016 -1/1/2018

Instructor/Teaching- Part Time

- Instruction of HVAC and MEP design & installation to Chicago area college students

ESPO Engineering Inc., Chicago, IL

1/2010 to 9/2016

Assigned to CSL Behring, Kankakee, IL, 8/14 to 9/16

Senior Contract MEP Project & Construction Manager Engineer

- Mechanical Engineer Manager (HVAC- Plumbing- Fire Protection) of a new \$900 million, four building medical /pharmaceutical construction & design project
- Start-up & commissioning HVAC units
- Management of 100-200 engineers/construction workers at any given time
- Used Lean & Six Sigma, MEP Revit, Pro E, AutoCAD

Assigned to Metropolitan Air Technology, Chicago, IL, 11/13 to 6/14

Contract Senior Development Engineer

- Design air devices/HVAC equipment for oversea markets
- Design systems with SolidWorks
- Research and report on Word and Excel

Assigned to CSL Behring, Kankakee, IL, 12/12 to 11/13

Mechanical MEP Engineer

- Construction Manager/Supervisor/Review of HVAC & all mechanical systems
- Design & installation for Building 30 new construction
- Trouble shoot field items, answering contractors questions, conducting meetings
- Reviewing drawings and making corrections with Pro E and MEP Revit 3D
- Performing walk down of building to supervise field staff

Assigned to Argonne Labs, Argonne, IL, 1/10 to 11/11

Senior MEP Engineer/Manager

- Chief/Lead Engineer in charge of upgrading Mechanical Systems for Nuclear Storage Buildings
Takenaka, Chicago, IL

12/2007 to 12/2009

Senior Mechanical, Electrical, Fire Protection & Plumbing Engineer

- Senior Lead Field Engineer & Construction Management, Head Material Supervisor of the Amada Project

Greeley and Hansen Engineers Chicago, IL

1998 to 2005

Senior Project Construction Manager and Chief MEP/HVAC Engineer

- Senior Project Coordinator for State of New York's new waste water management system
 - Marketing presentation to the State of New York Construction Design Review Board - \$200 million project
 - Management 200-300 persons
 - HVAC piping & process piping including chilled water, gas lines, low and high pressure steam
 - Design, equipment selection, and HVAC load calculations
 - Brought the design up to A.S.H.R.A.E-ASME-NFPA-SMACNA codes
- Designed the water system for City of Chicago.
 - HVAC load calculations, ductwork layout, equipment selections, field installation and testing

Sun Chemical, Northlake, IL

1994 to 1998

Mechanical Engineer

- Design and layout mechanical system for chemical plants
- Chief project engineer for upgrading HVAC, Fire Protection, Rack Design, and Material Handling systems
- Management 75-100 persons
- On-site trouble shooter for all mechanical systems

ESPO Engineering Inc., Chicago, IL

1993 to 1994

Assigned to Viskase International, Northlake, IL

HVAC Engineer

- HVAC piping and engineering
- Layout cooling and heating systems for meat packing equipment
- Design heating and cooling system for the entire building using AutoCAD

Assigned to United Engineers, Downers Grove, IL

- HVAC Designer/Engineer/Project Leader
- Design HVAC system for Commercial Buildings
- Used AutoCAD to design Trane and Carrier Ductwork systems

Austin Company, Des Plaines, IL

to1993

Assistant HVAC Department Head

- Management of 20-50 Engineers
- Served as site engineer for a two-year project involving the construction of a paper mill for Konica Manufacturing of Greensboro, N.C.
 - Worked with all disciplines for routing clearances
- Served as site engineer for a three-month project at the Skippy Peanut Butter Company in Los Angeles.
 - Oversaw the remodeling of a factory completed new HVAC system and worked with all disciplines to complete the project.
- Acted as the site engineer for a project for Cargill Manufacturing.

